

FIG.1

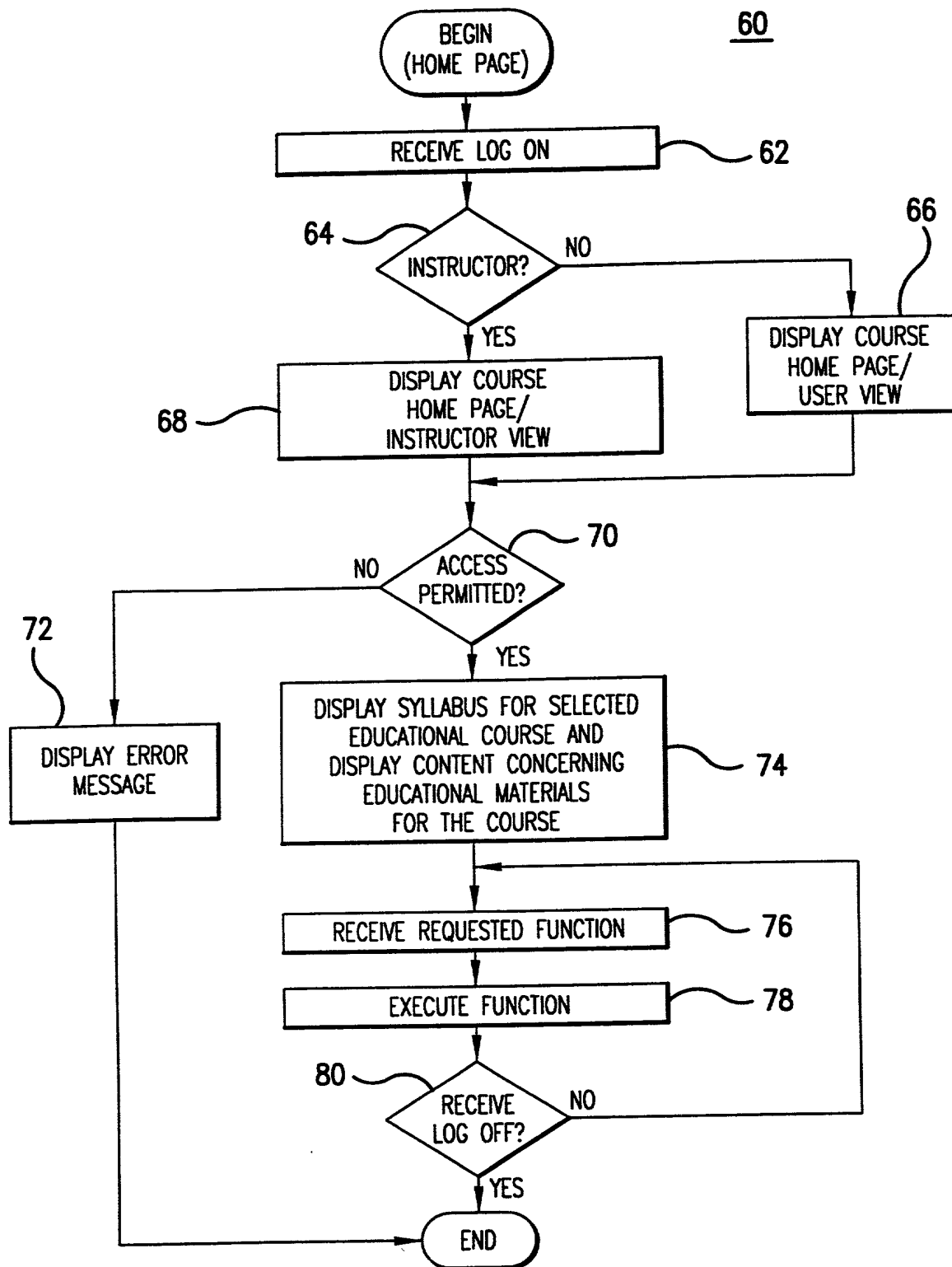


FIG. 1A

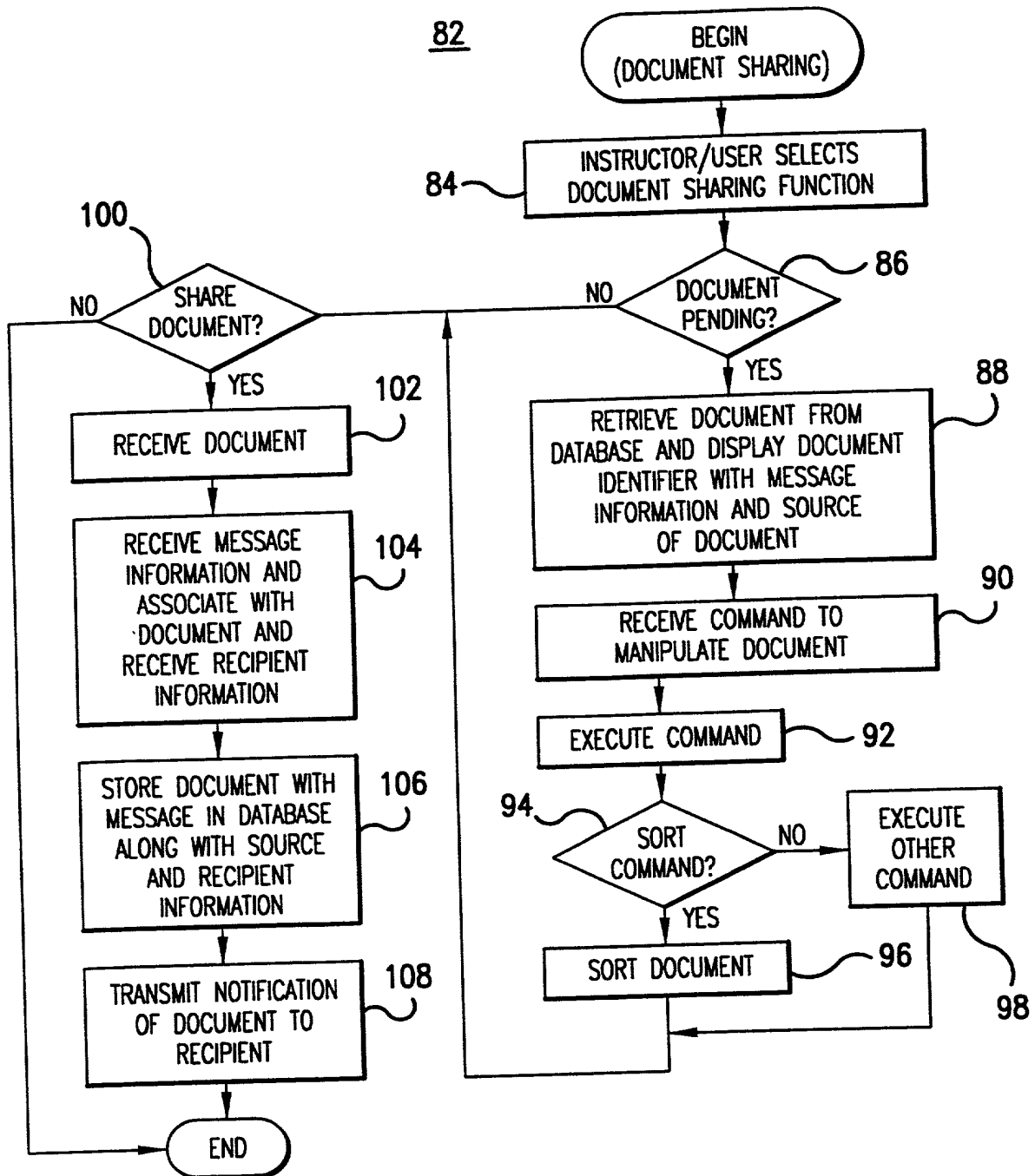


FIG. 1B

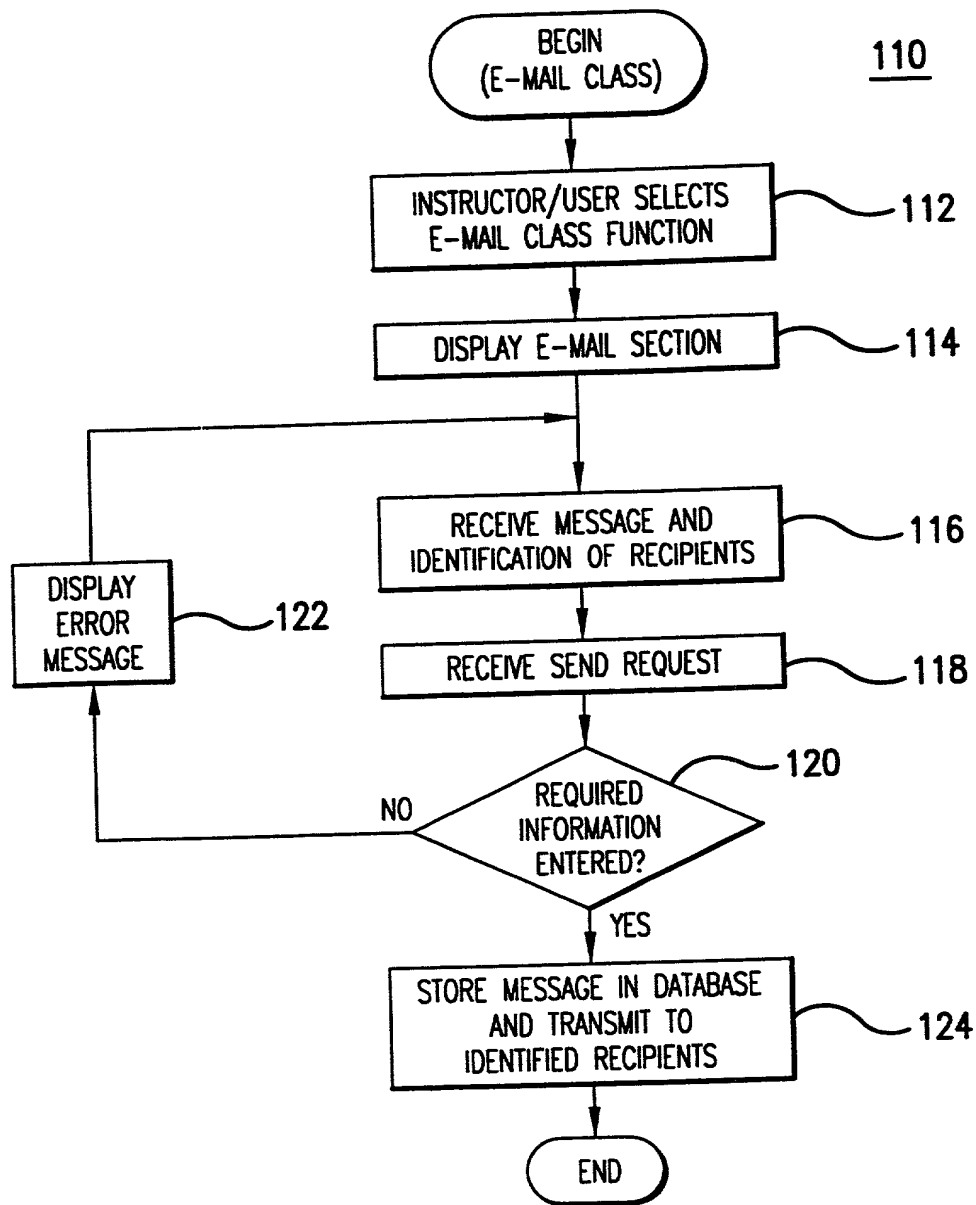


FIG. 1C

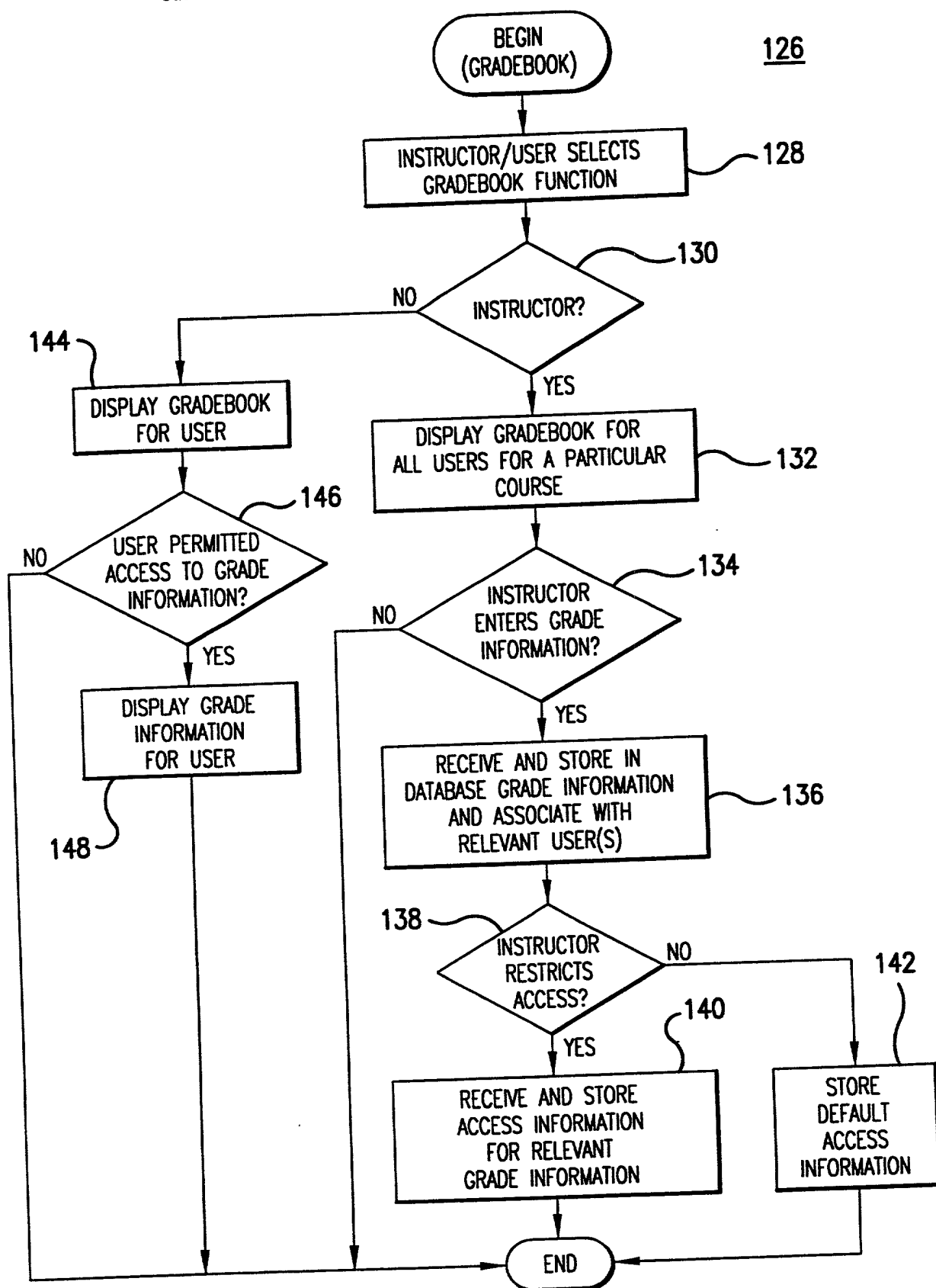


FIG. 1D

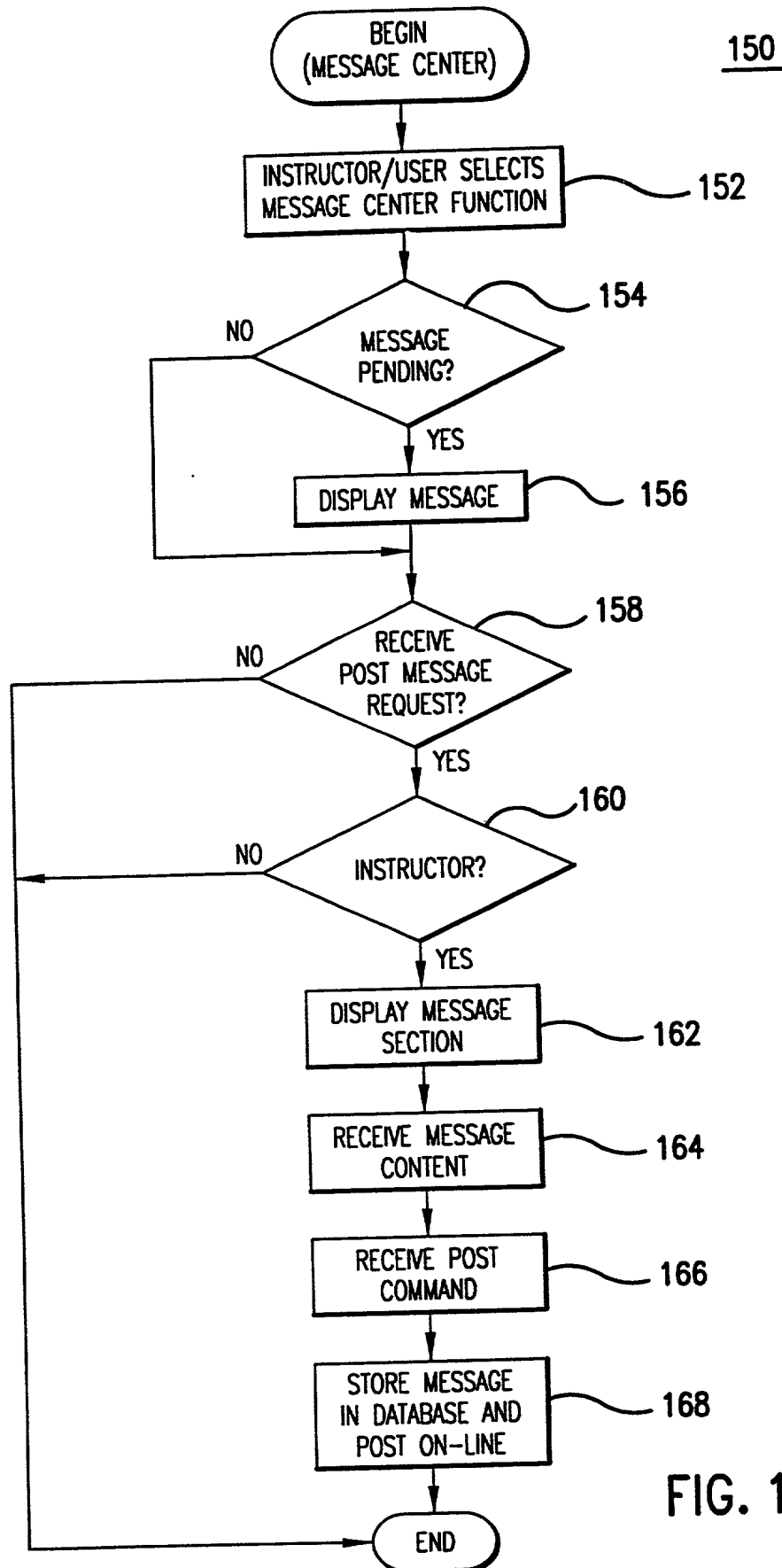


FIG. 1E

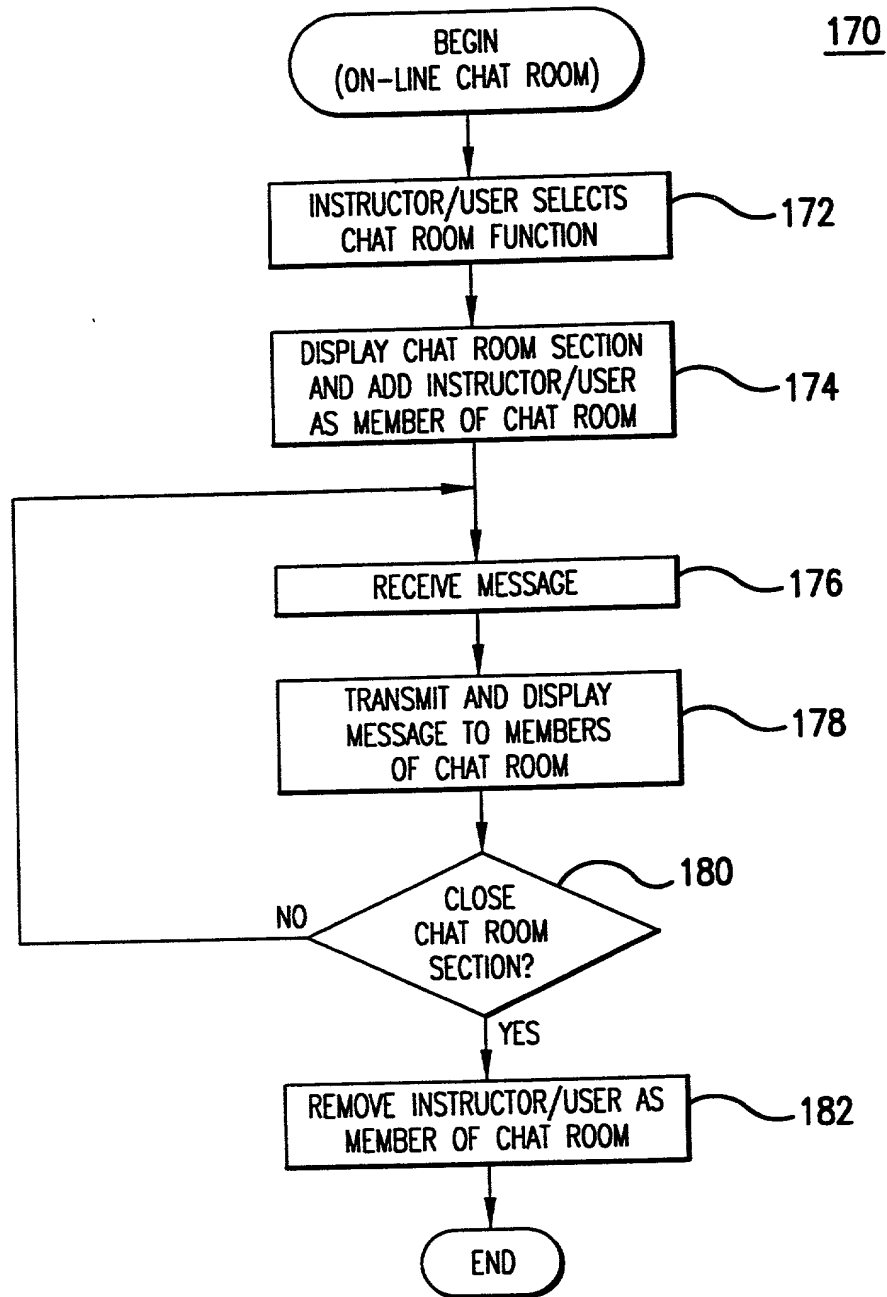


FIG. 1F

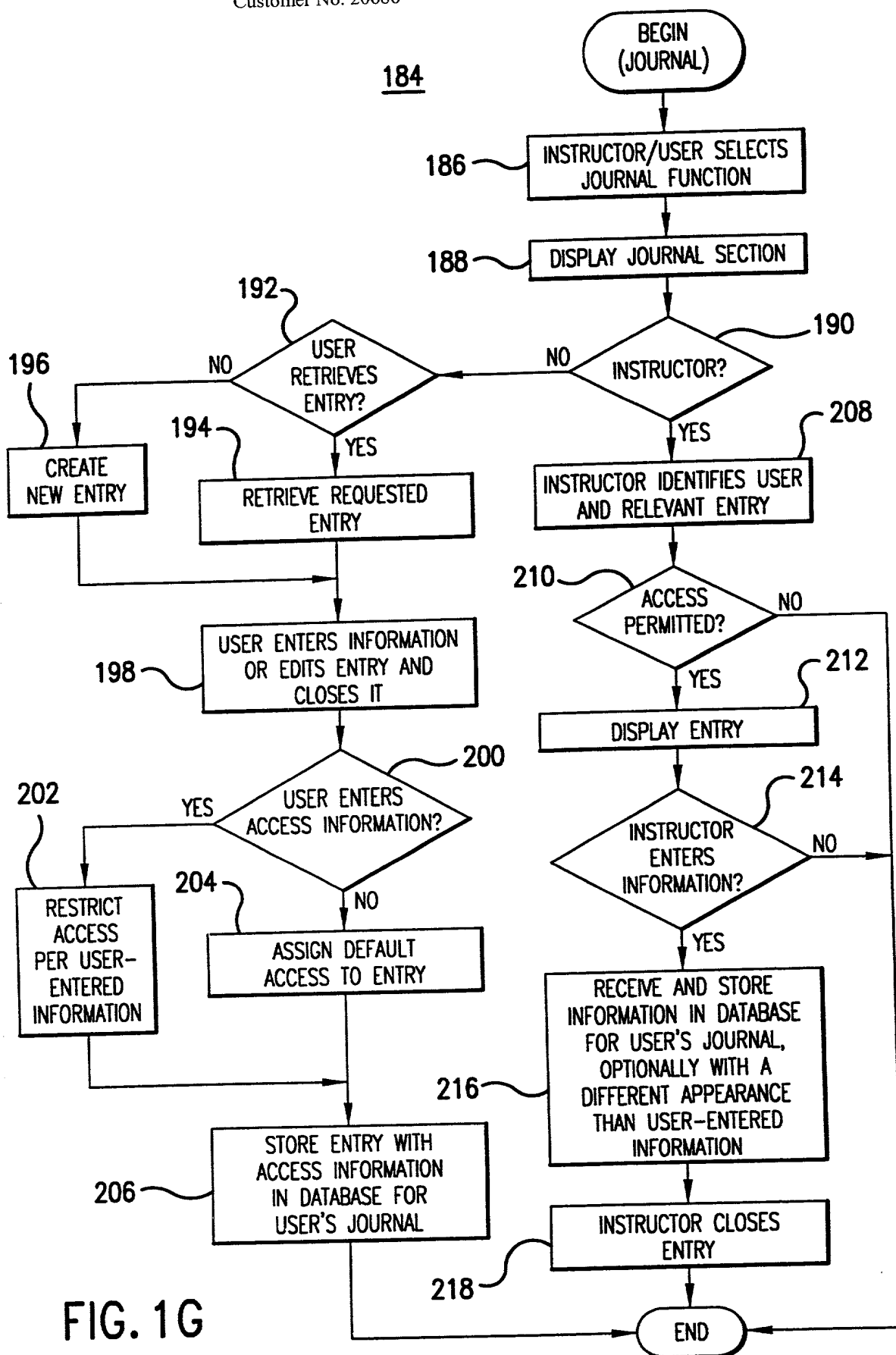


FIG. 1G

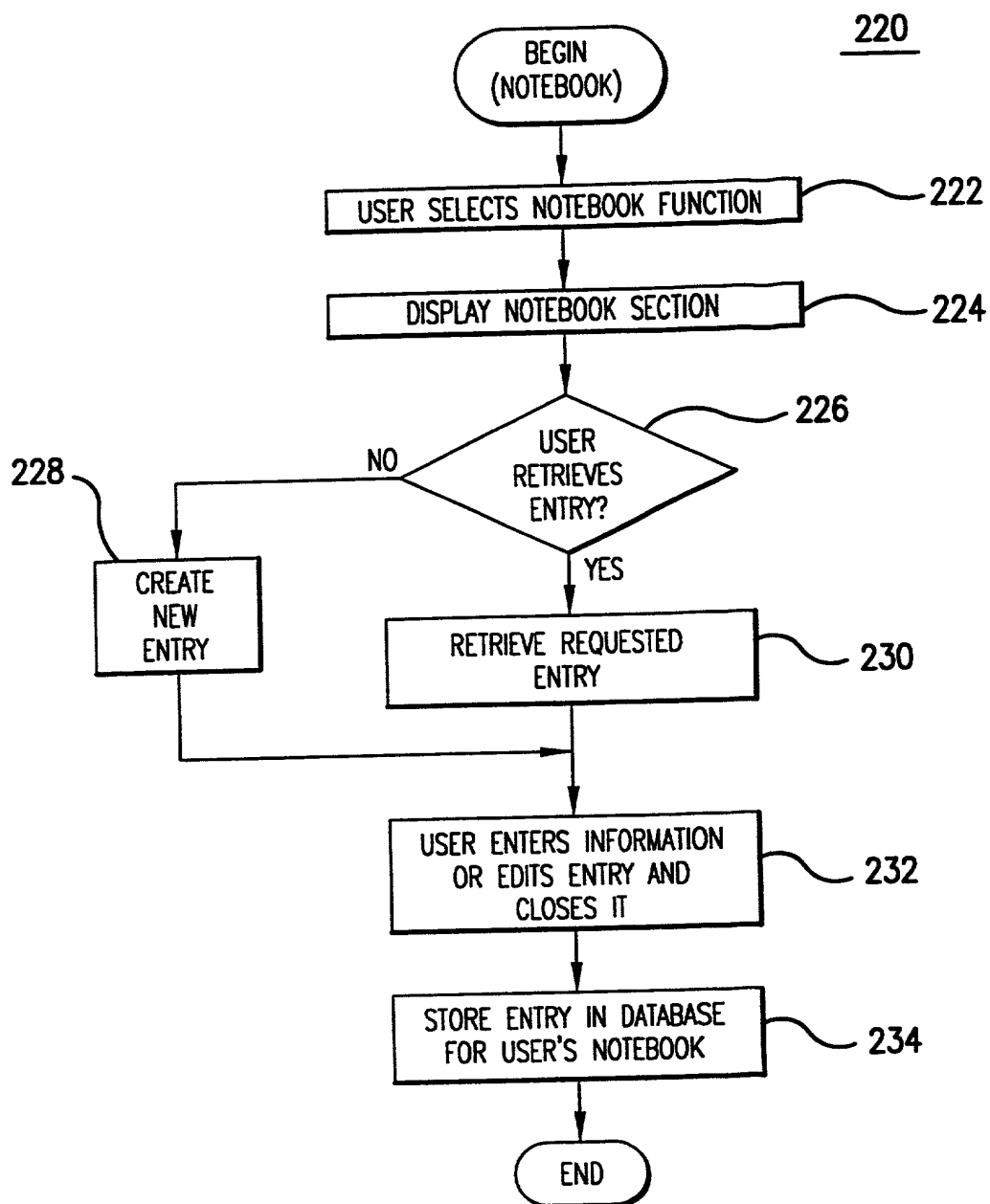


FIG. 1H

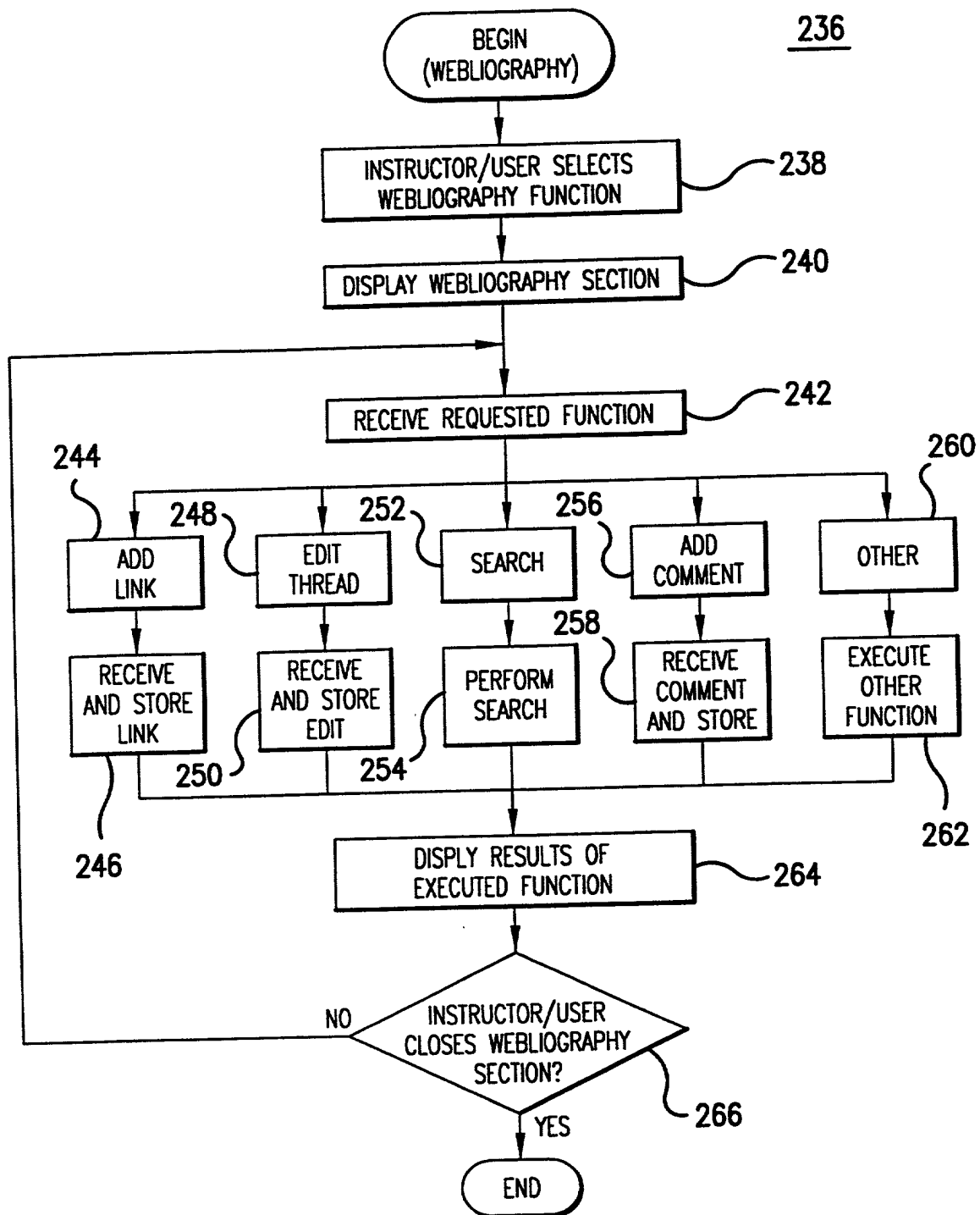


FIG. 11

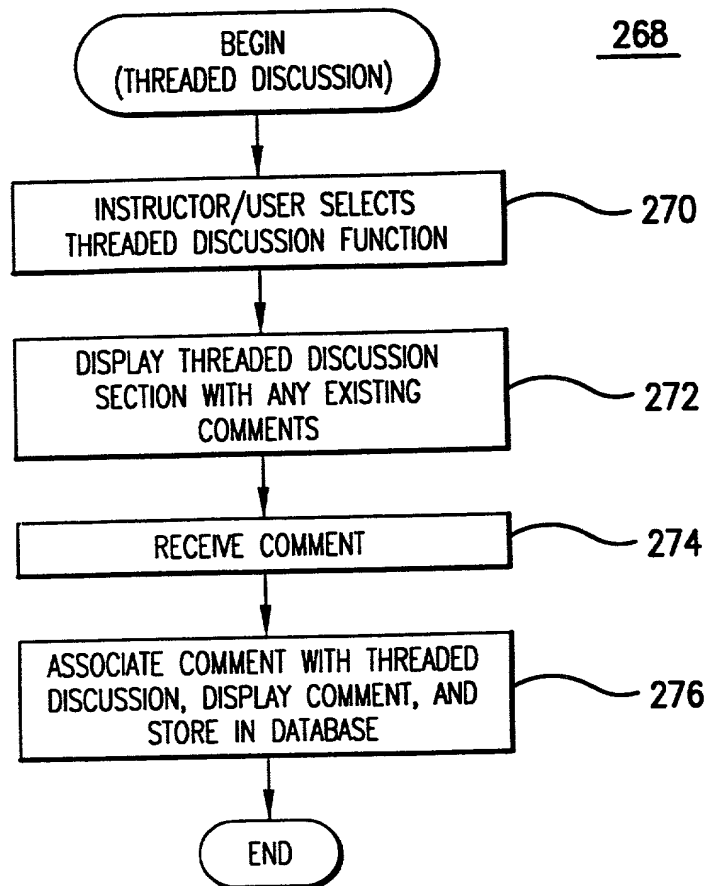


FIG. 1J

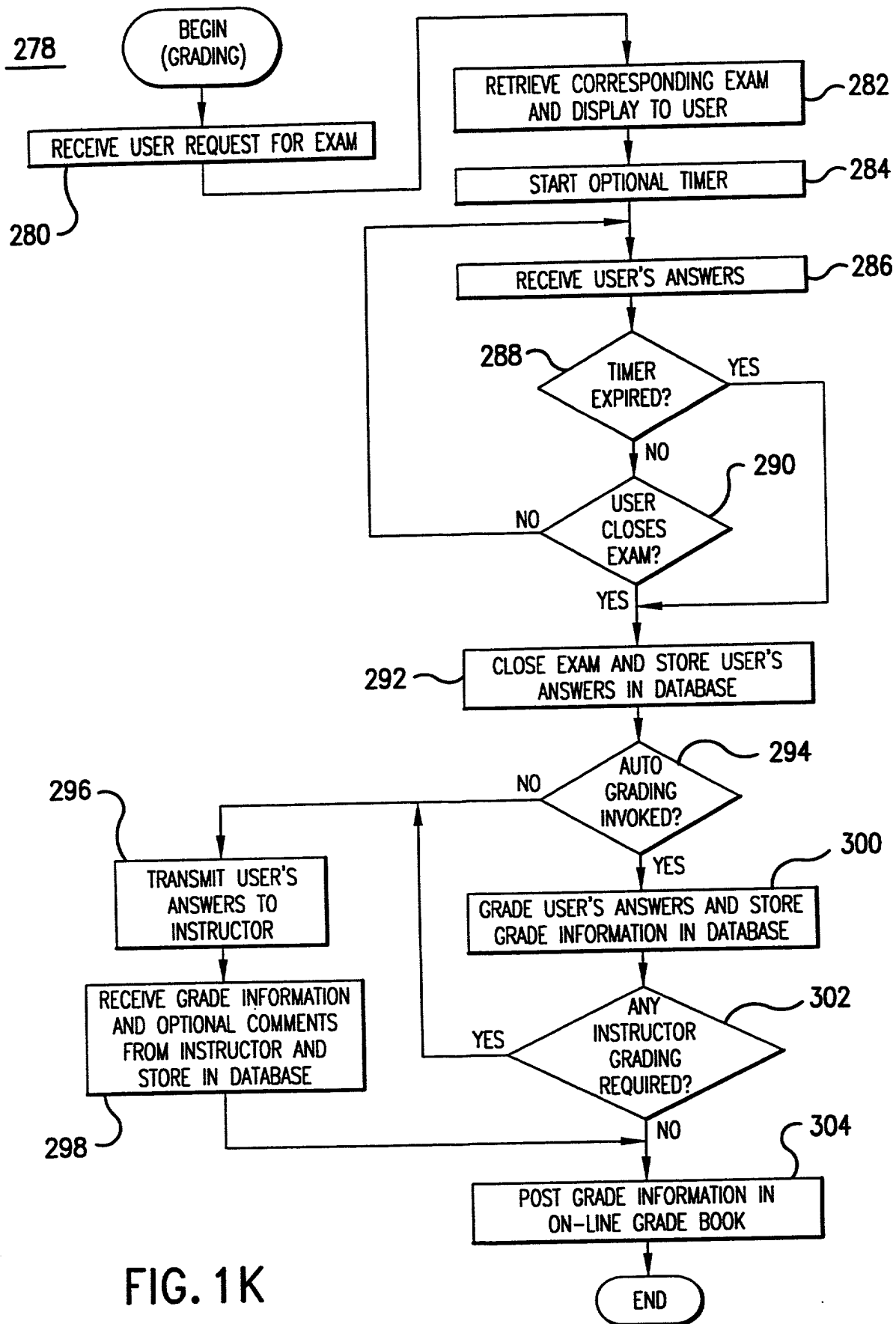
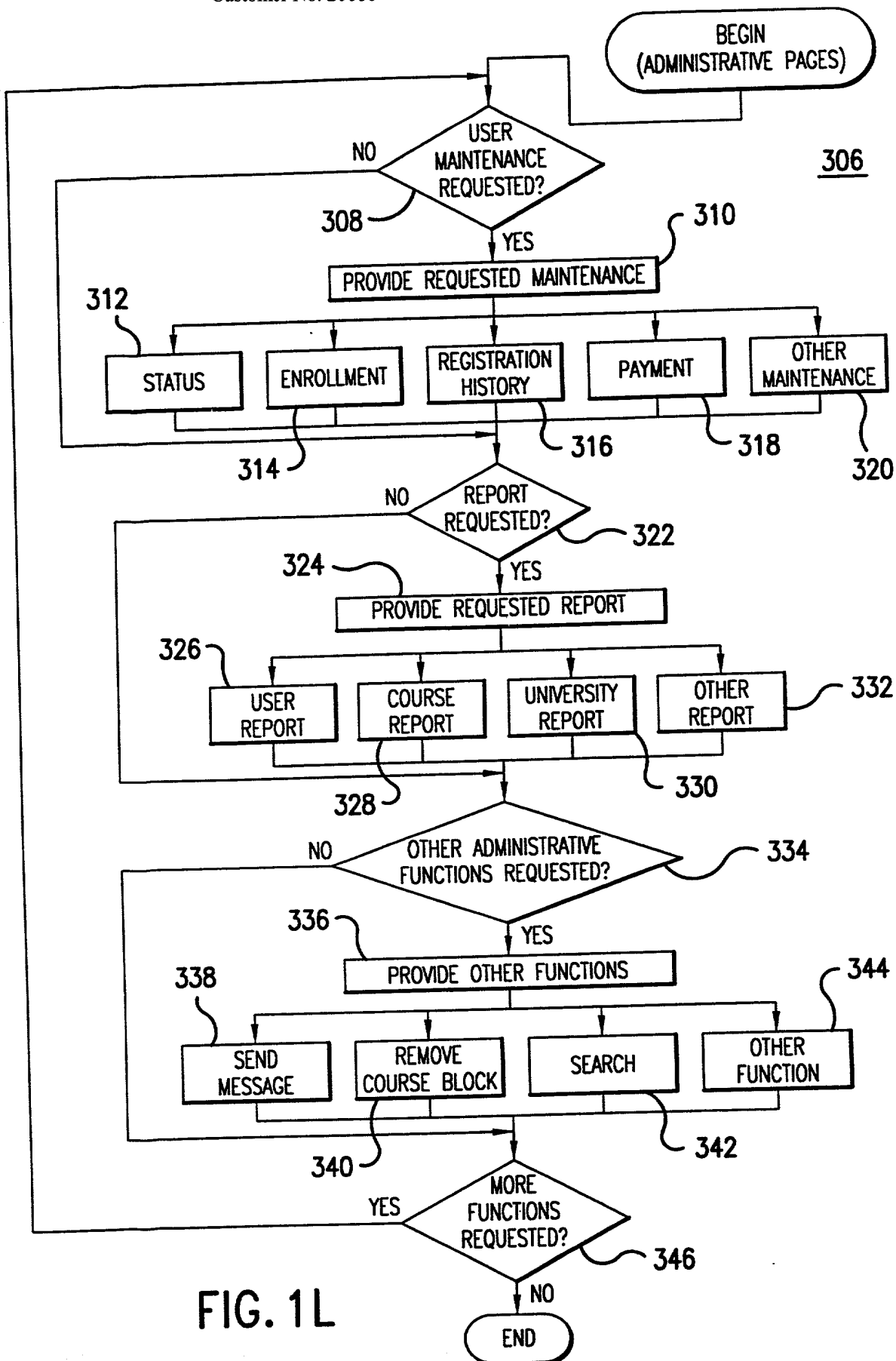


FIG. 1K



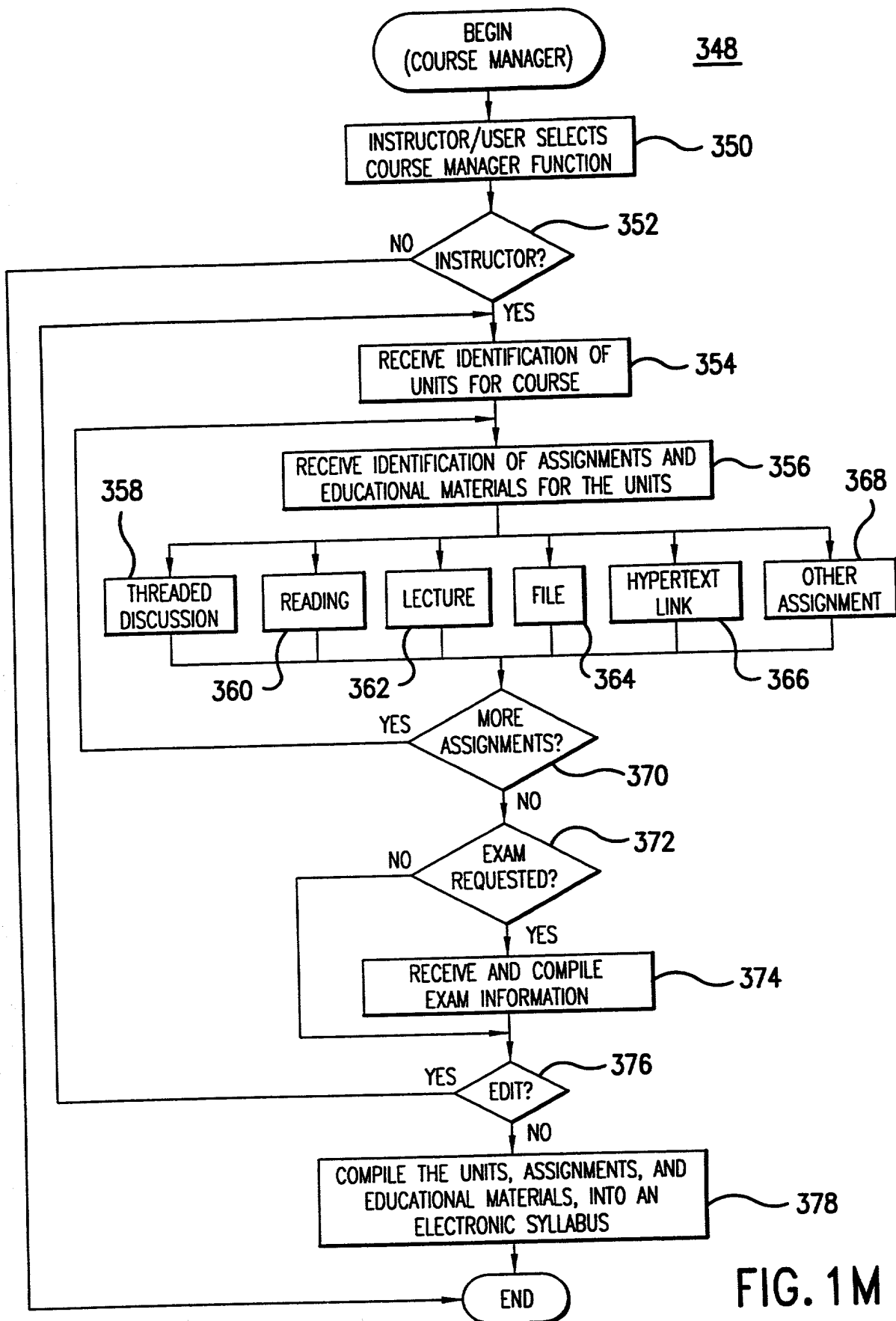


FIG. 1M

500

FIG.2A	FIG.2B	FIG.2C	FIG.2D	FIG.2E	FIG.2F
FIG.2G	FIG.2H	FIG.2I	FIG.2J	FIG.2K	FIG.2L
FIG.2M	FIG.2N	FIG.2O	FIG.2P	FIG.2Q	FIG.2R

FIG.2

FIG.2A

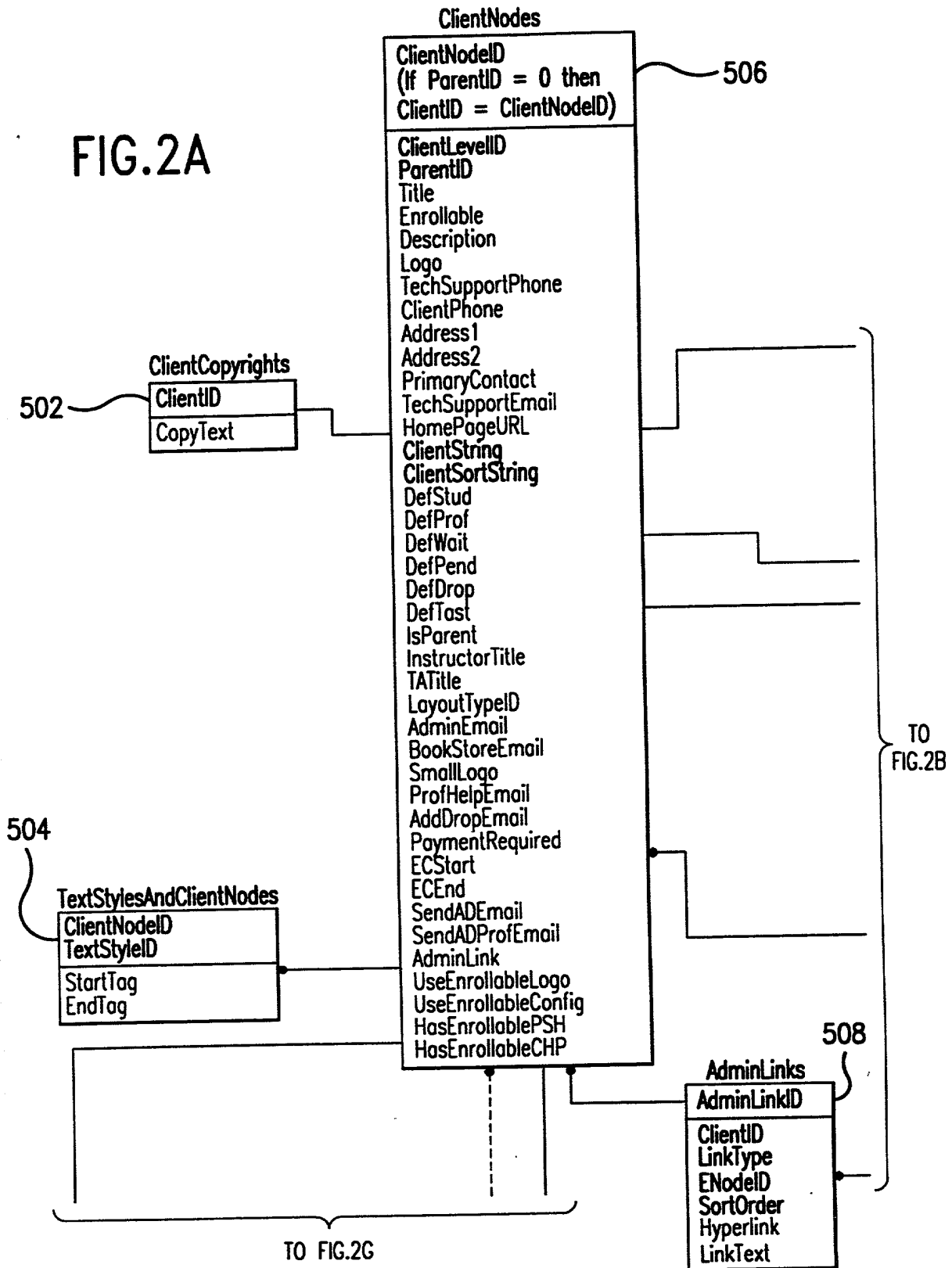
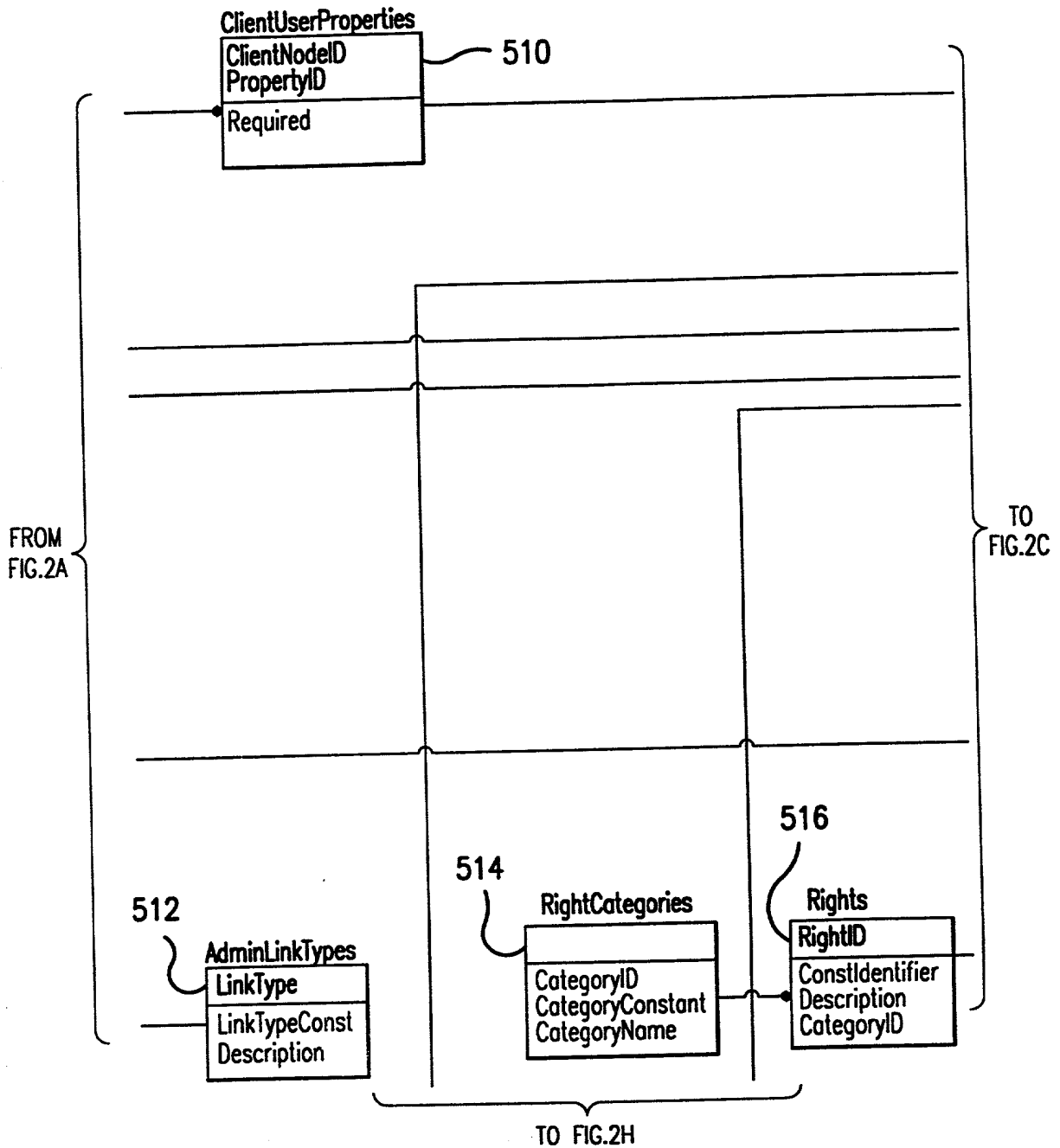
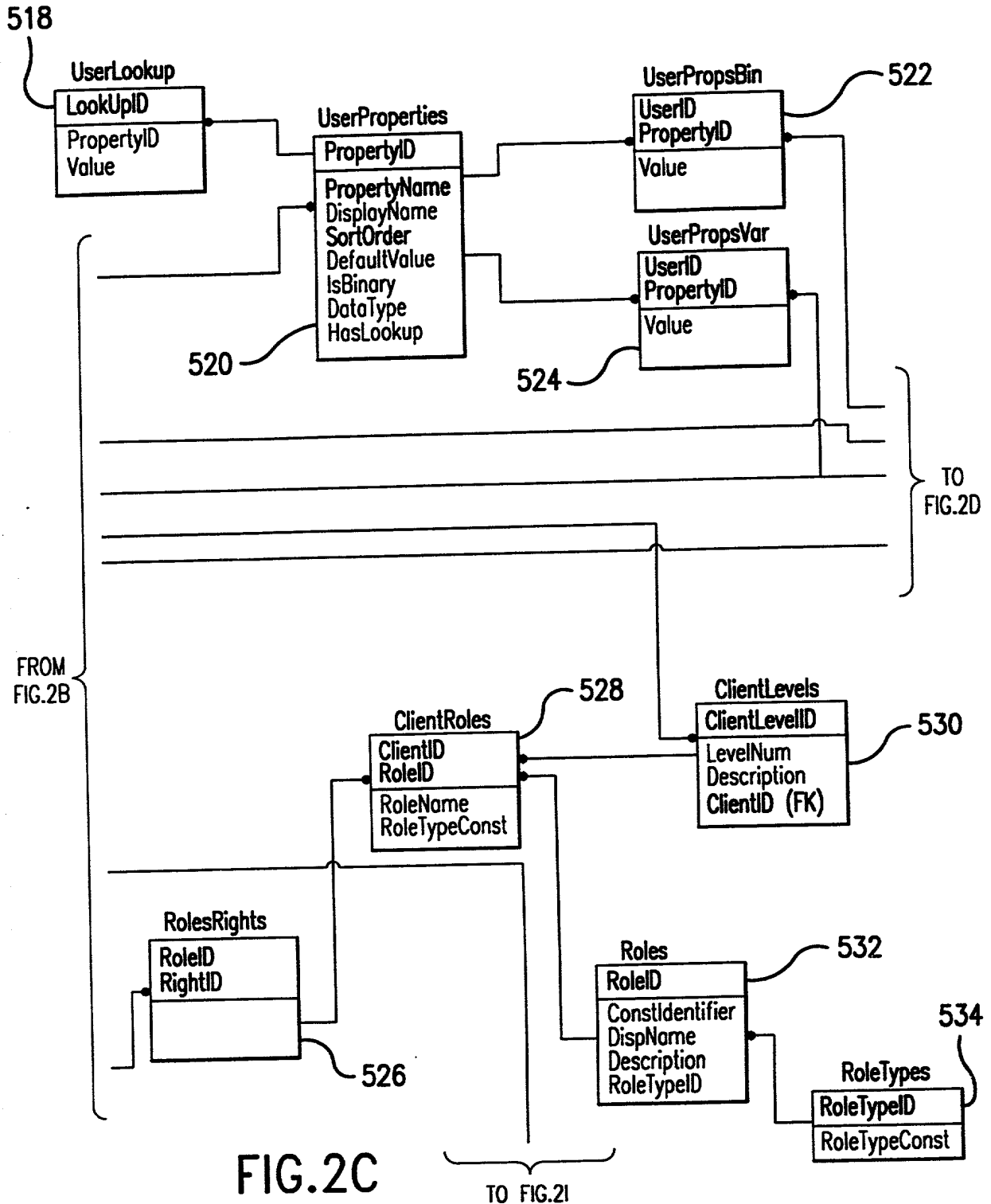
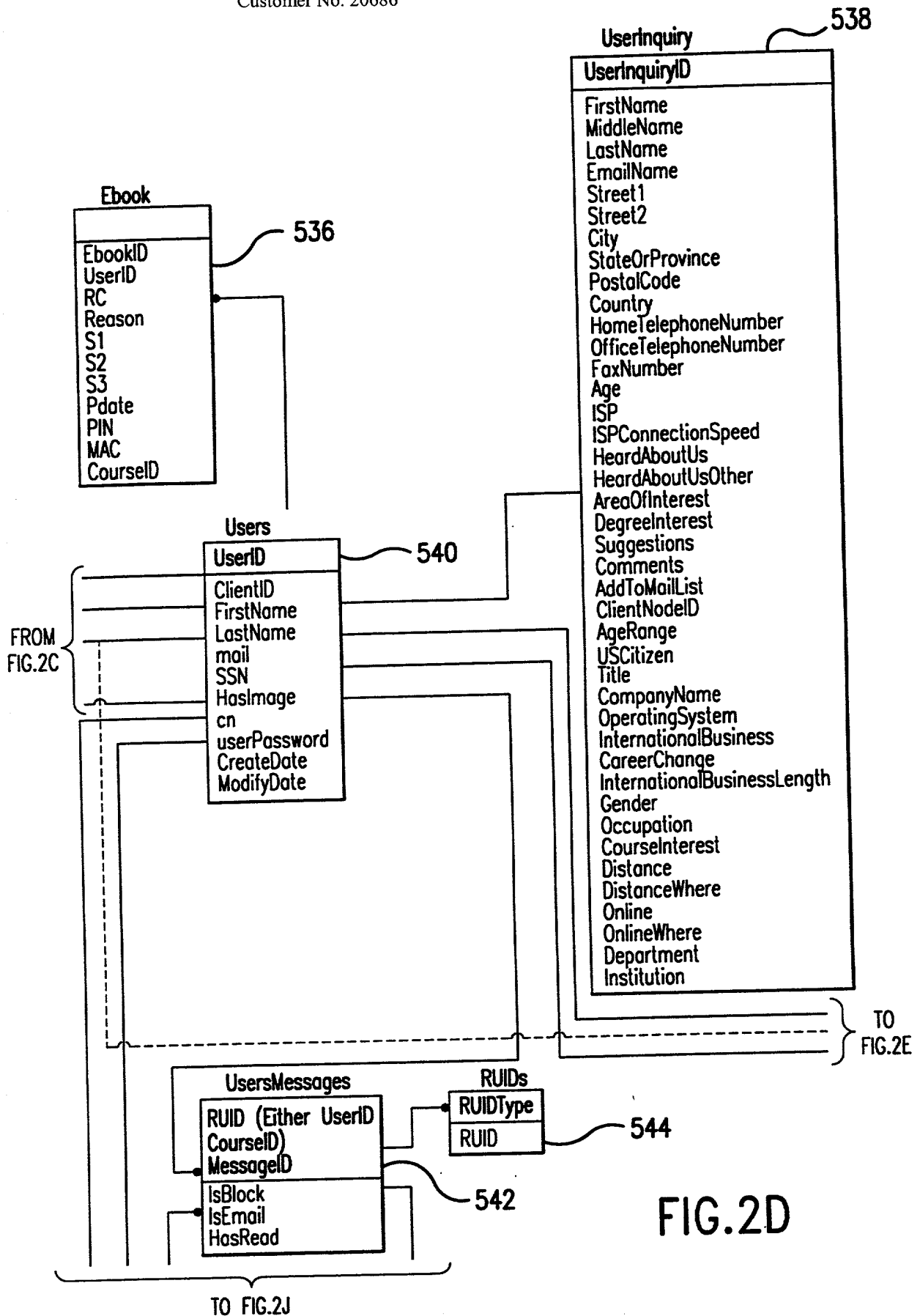


FIG.2B







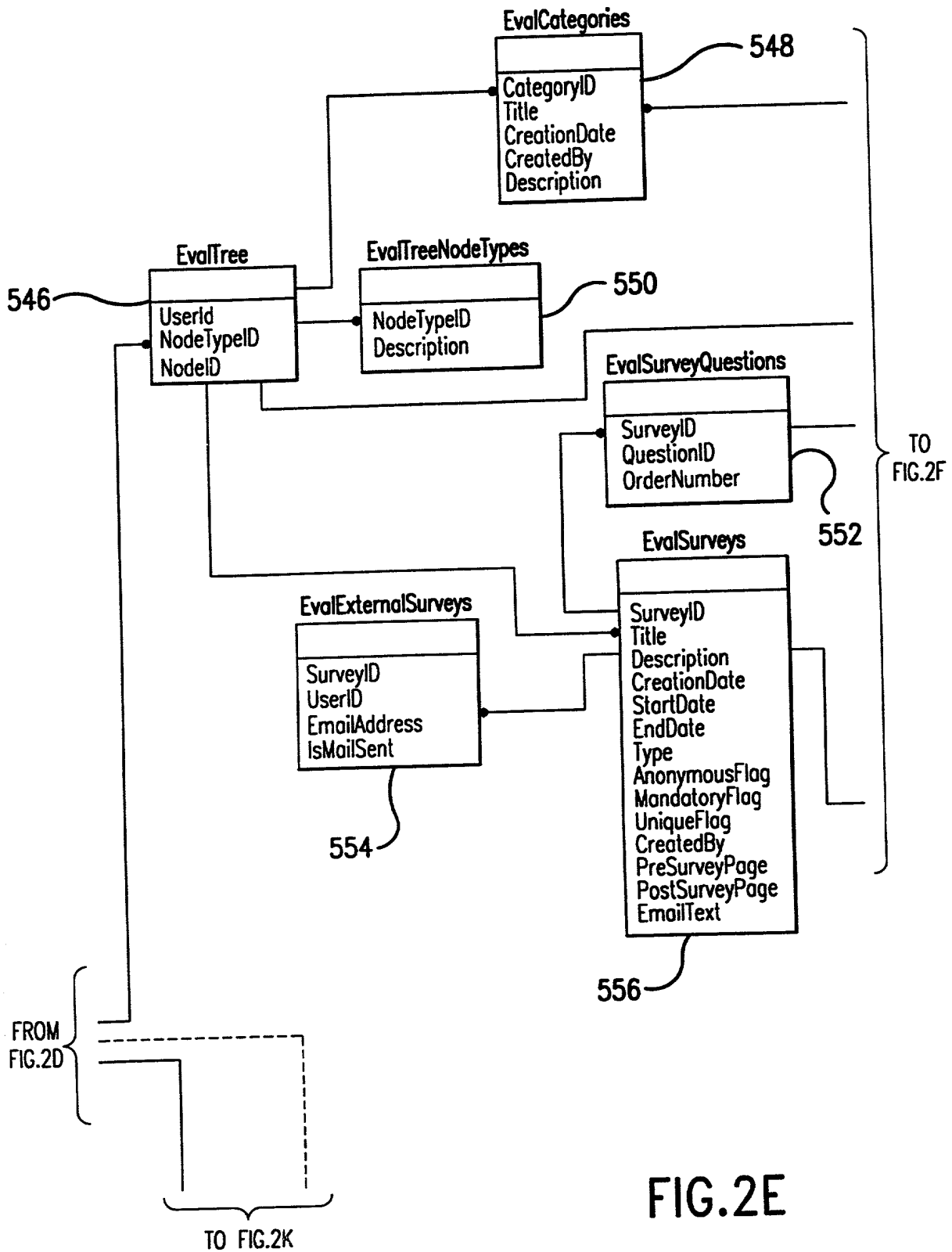


FIG. 2E

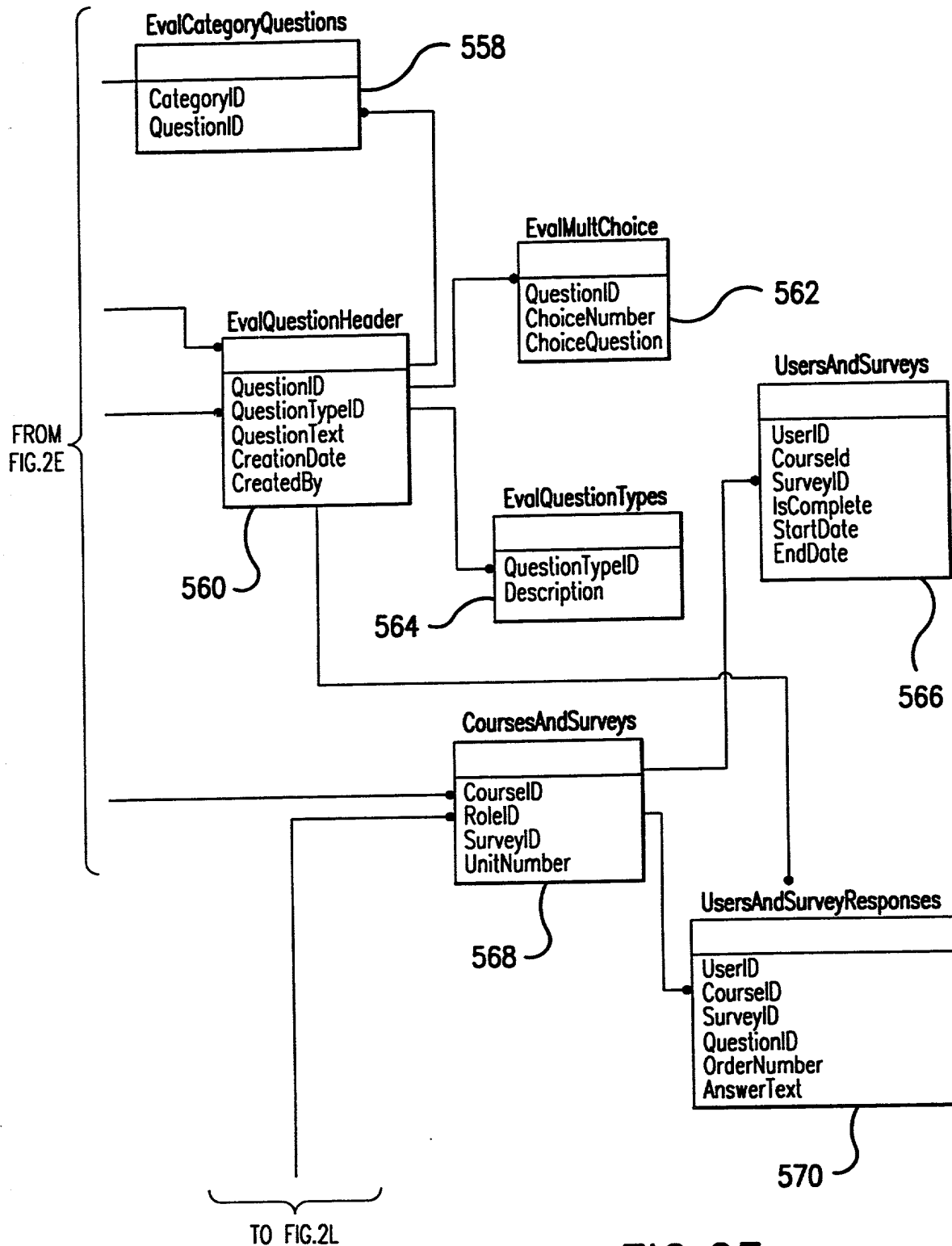
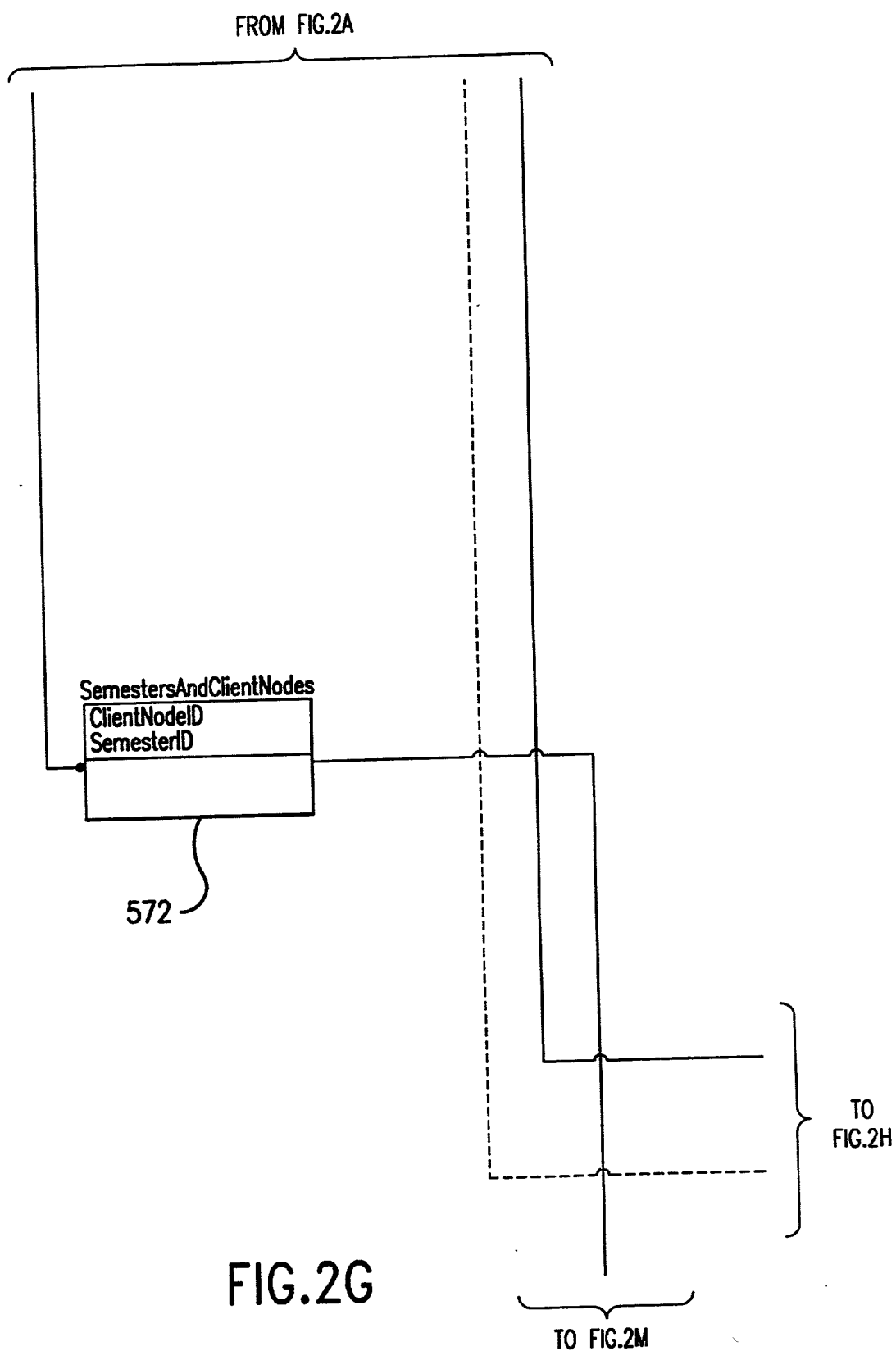
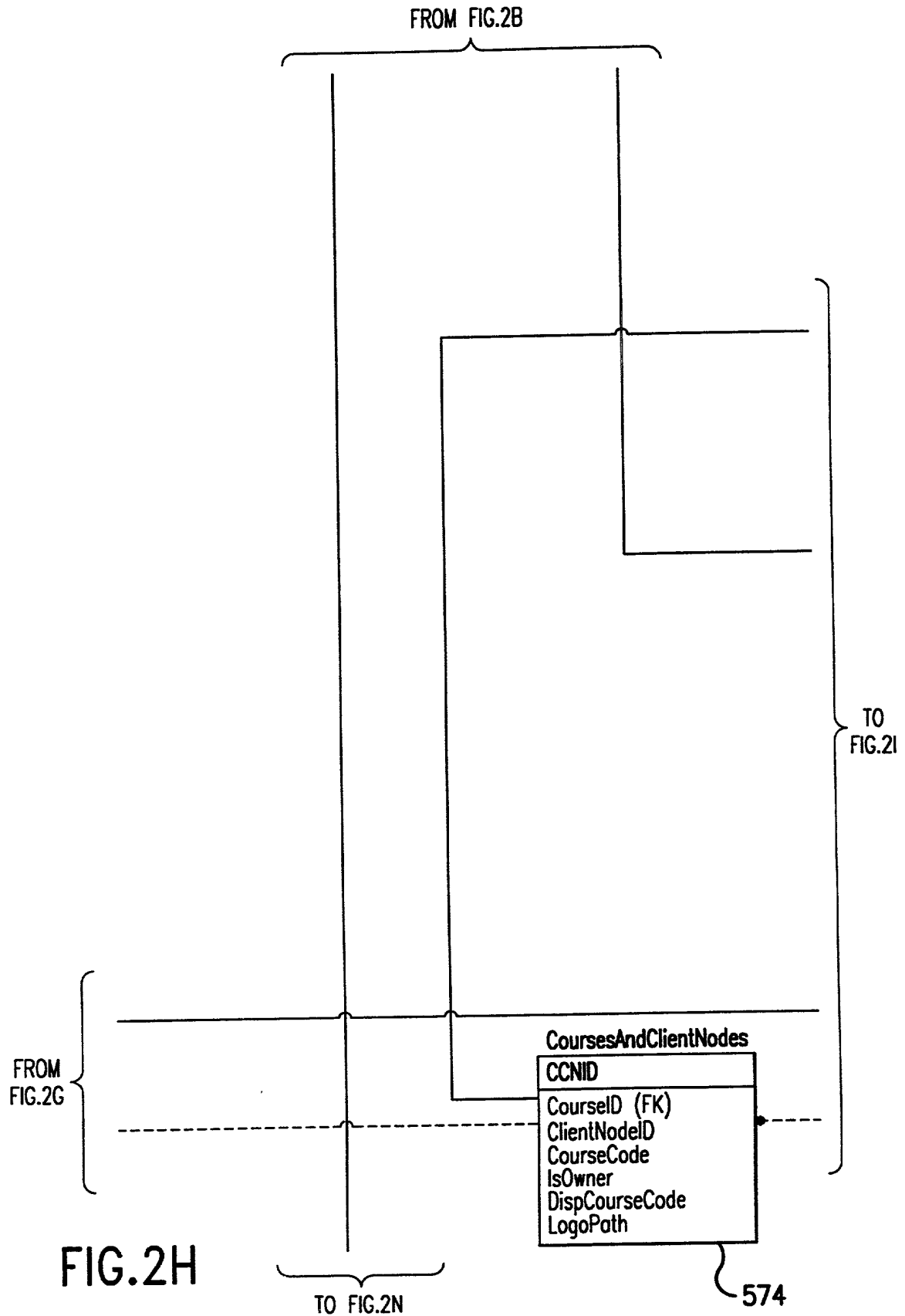


FIG.2F





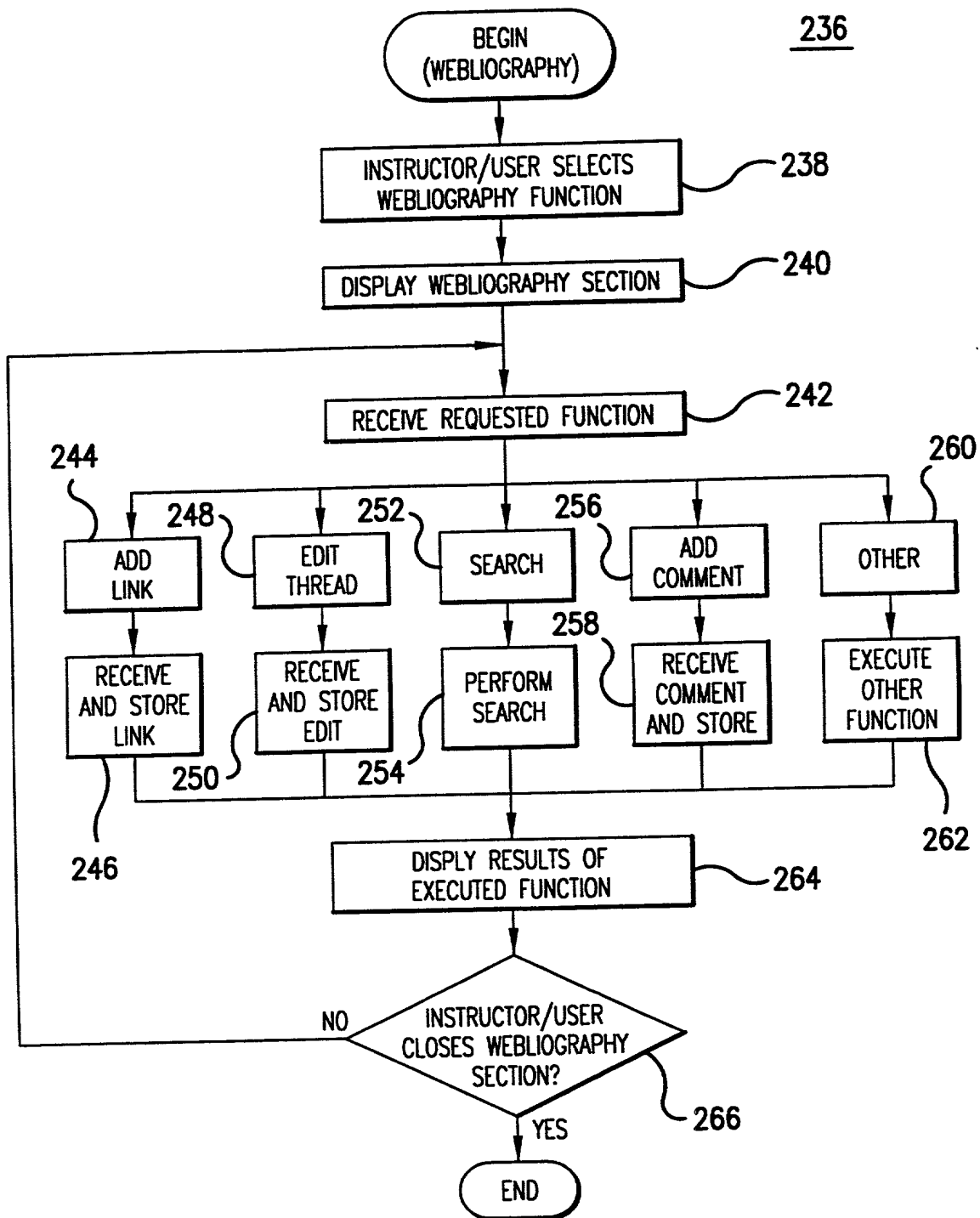


FIG. 11

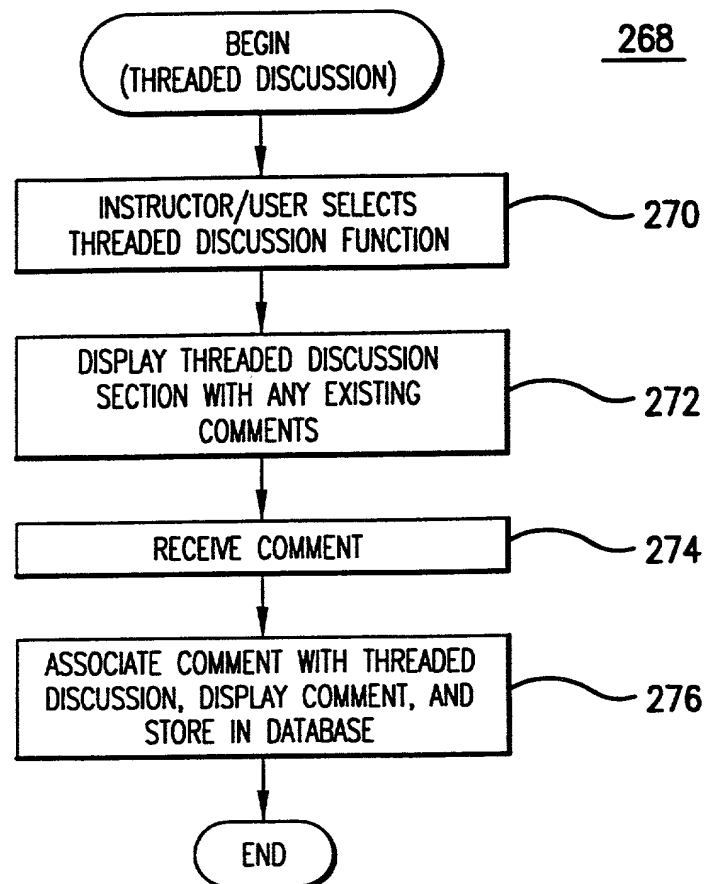


FIG. 1J

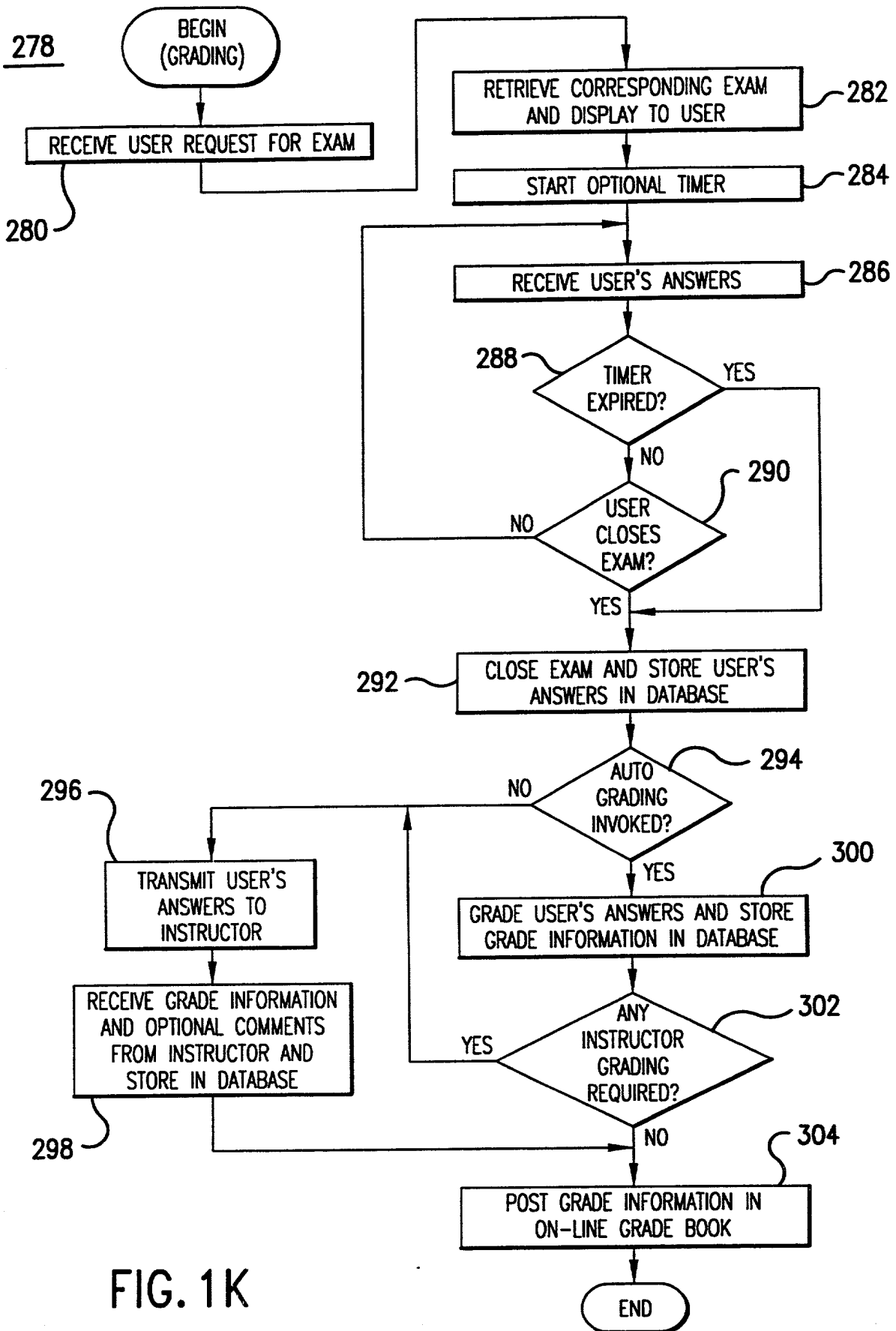
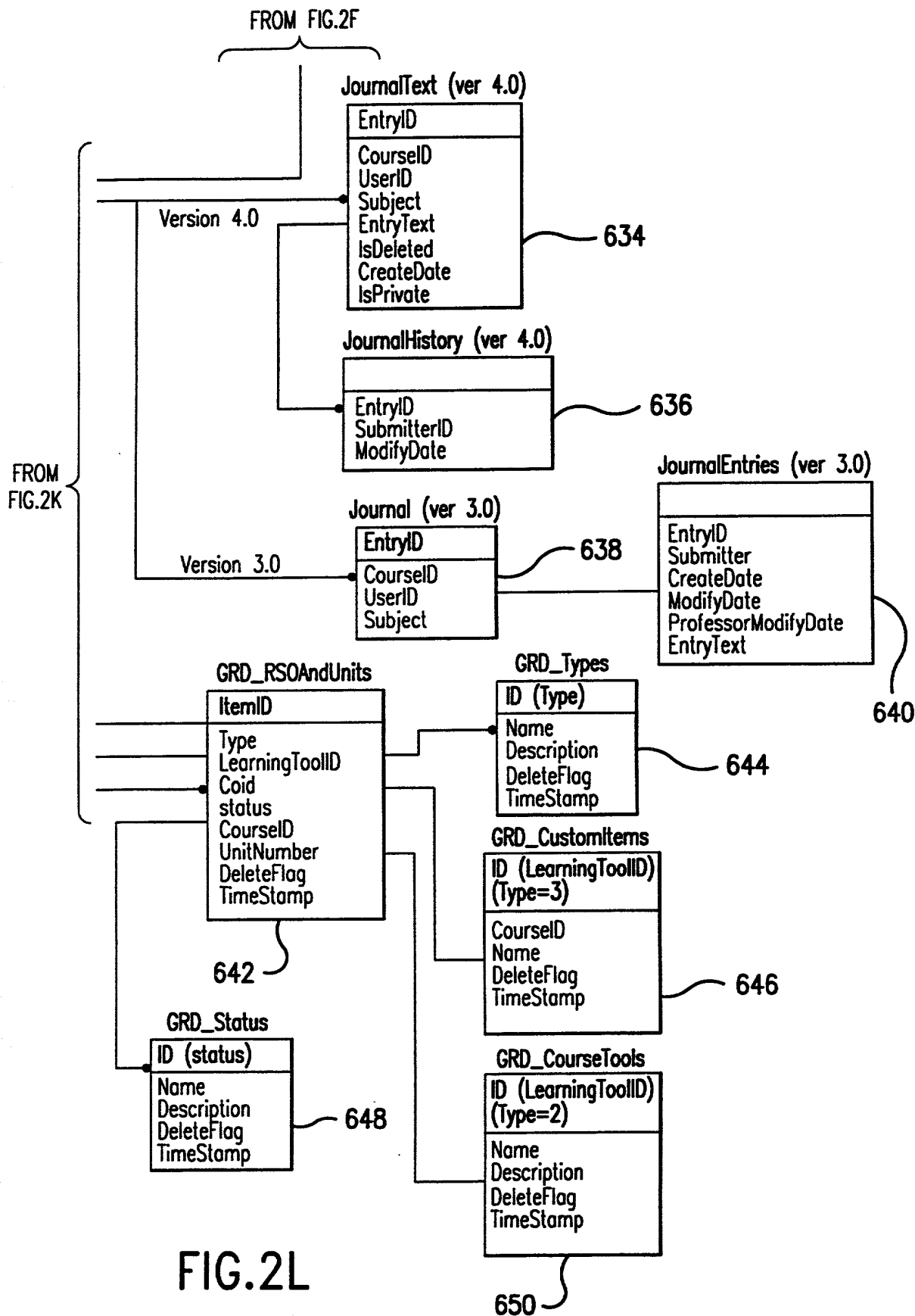
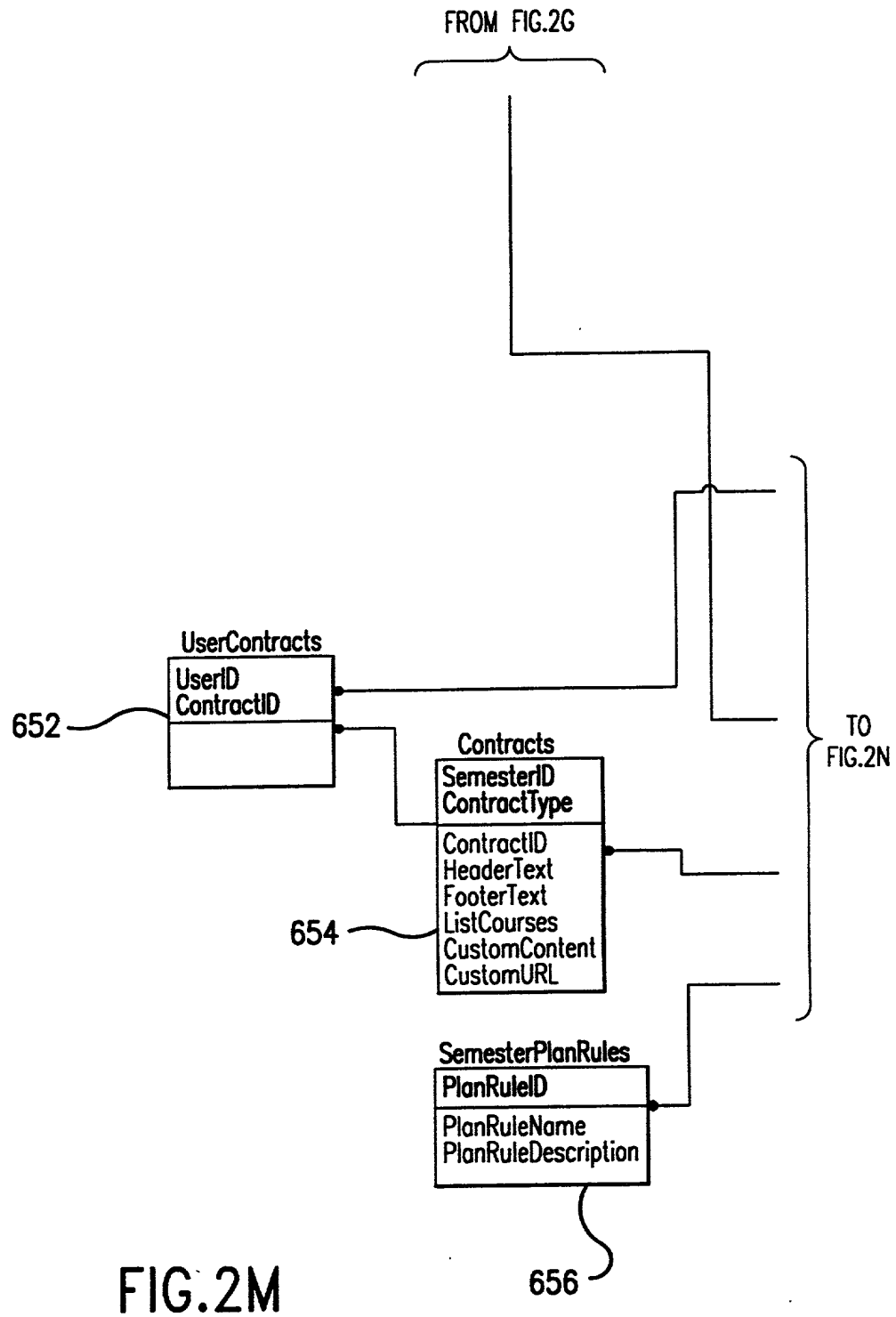
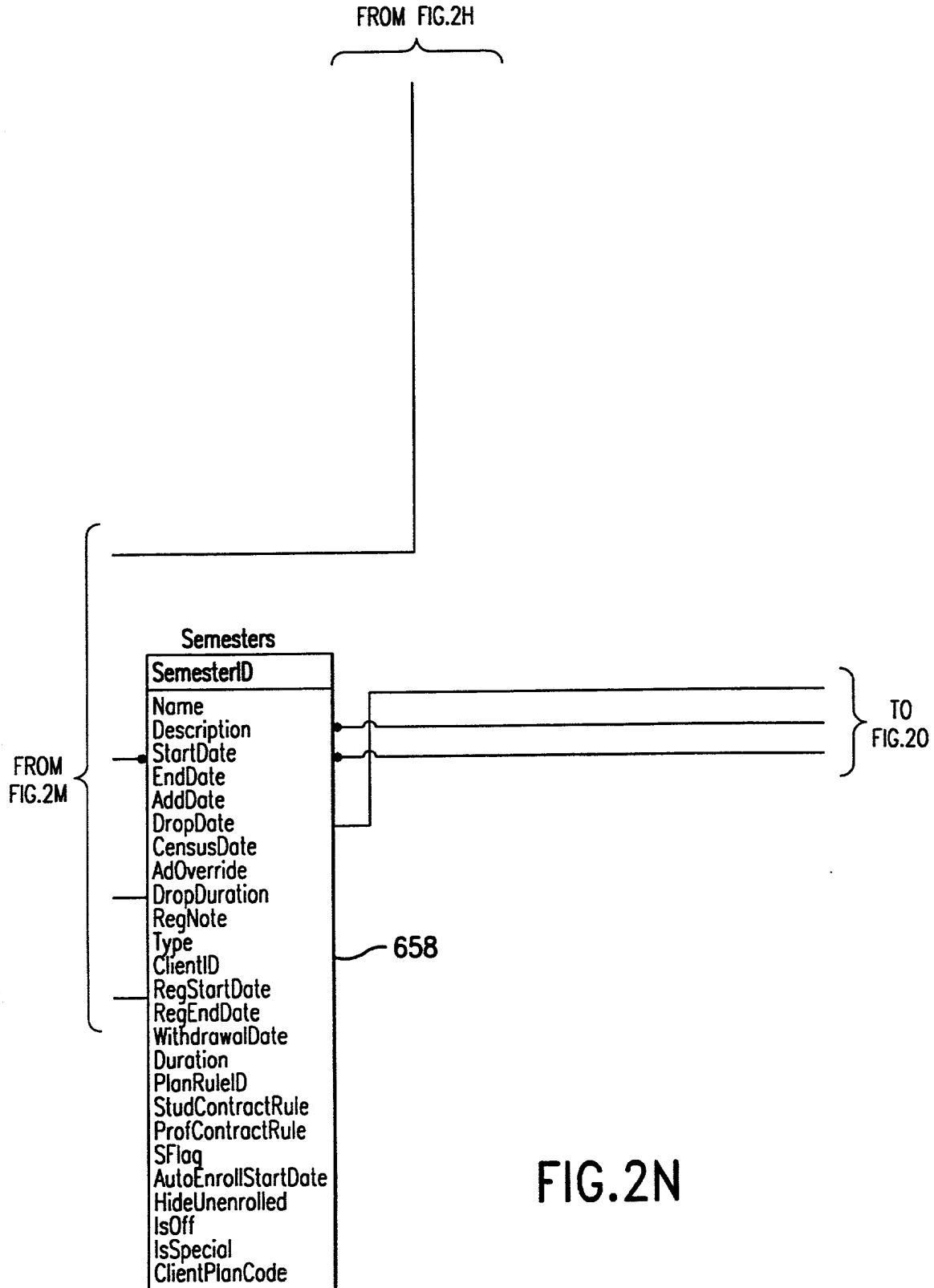
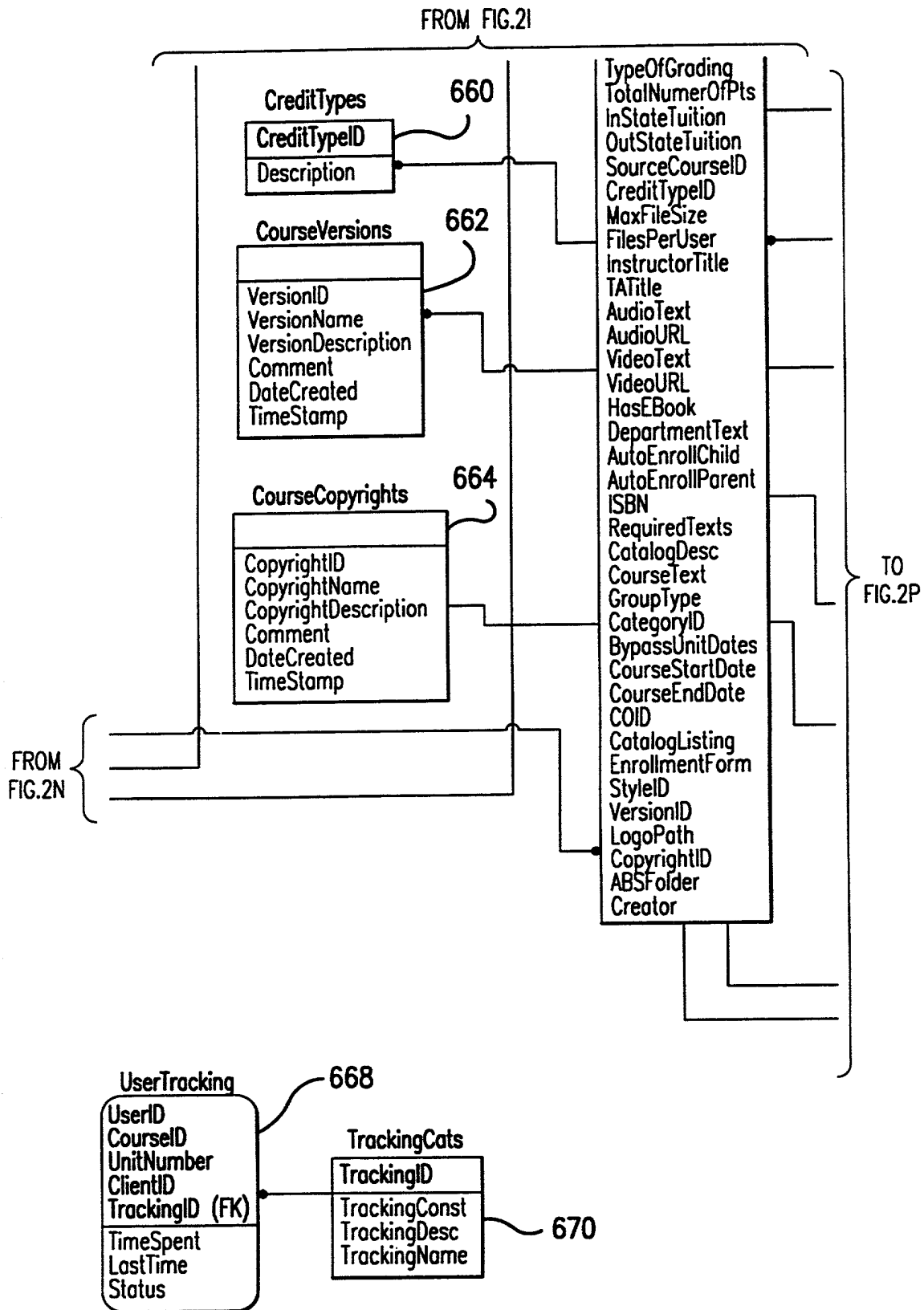


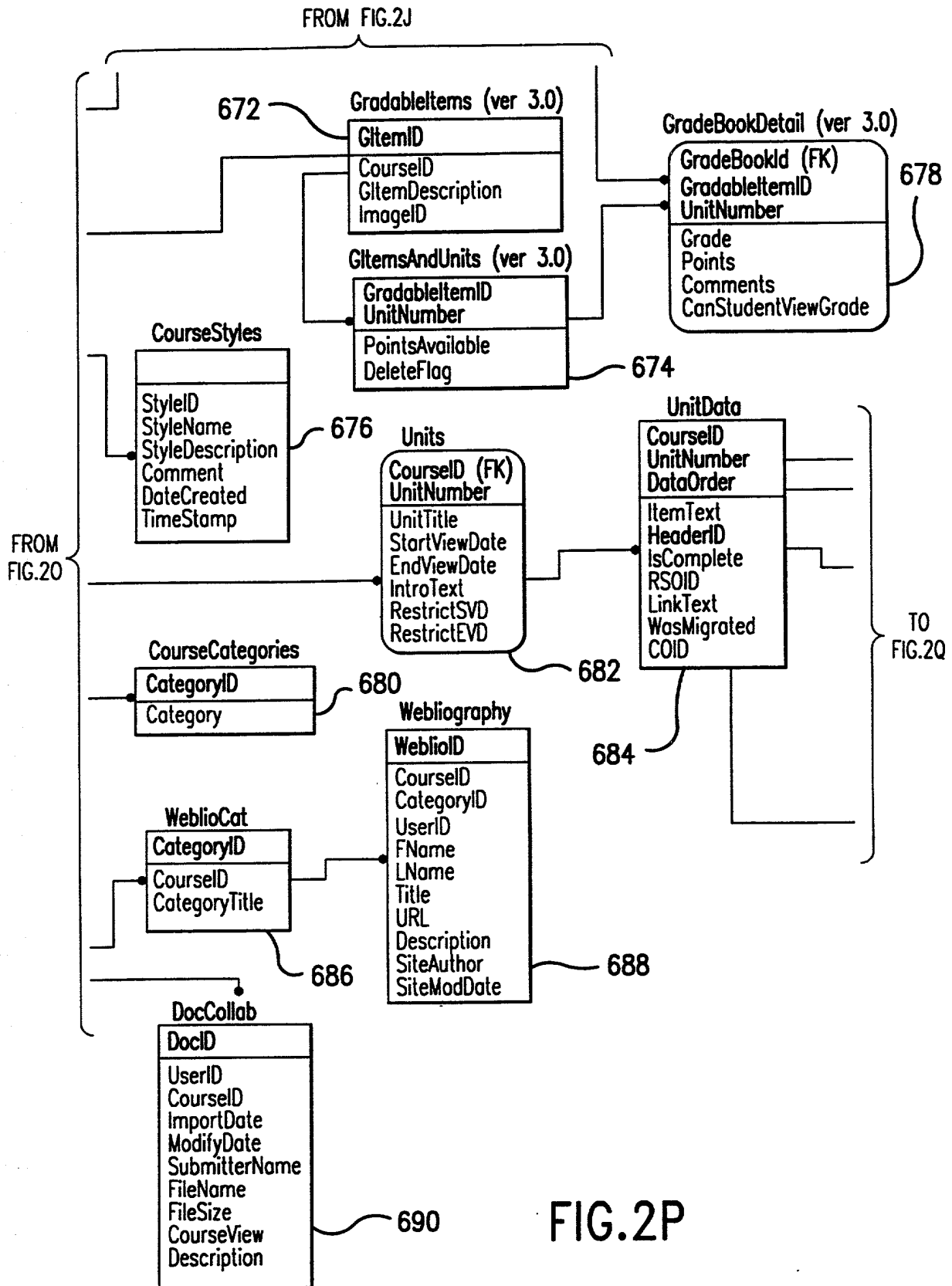
FIG. 1K











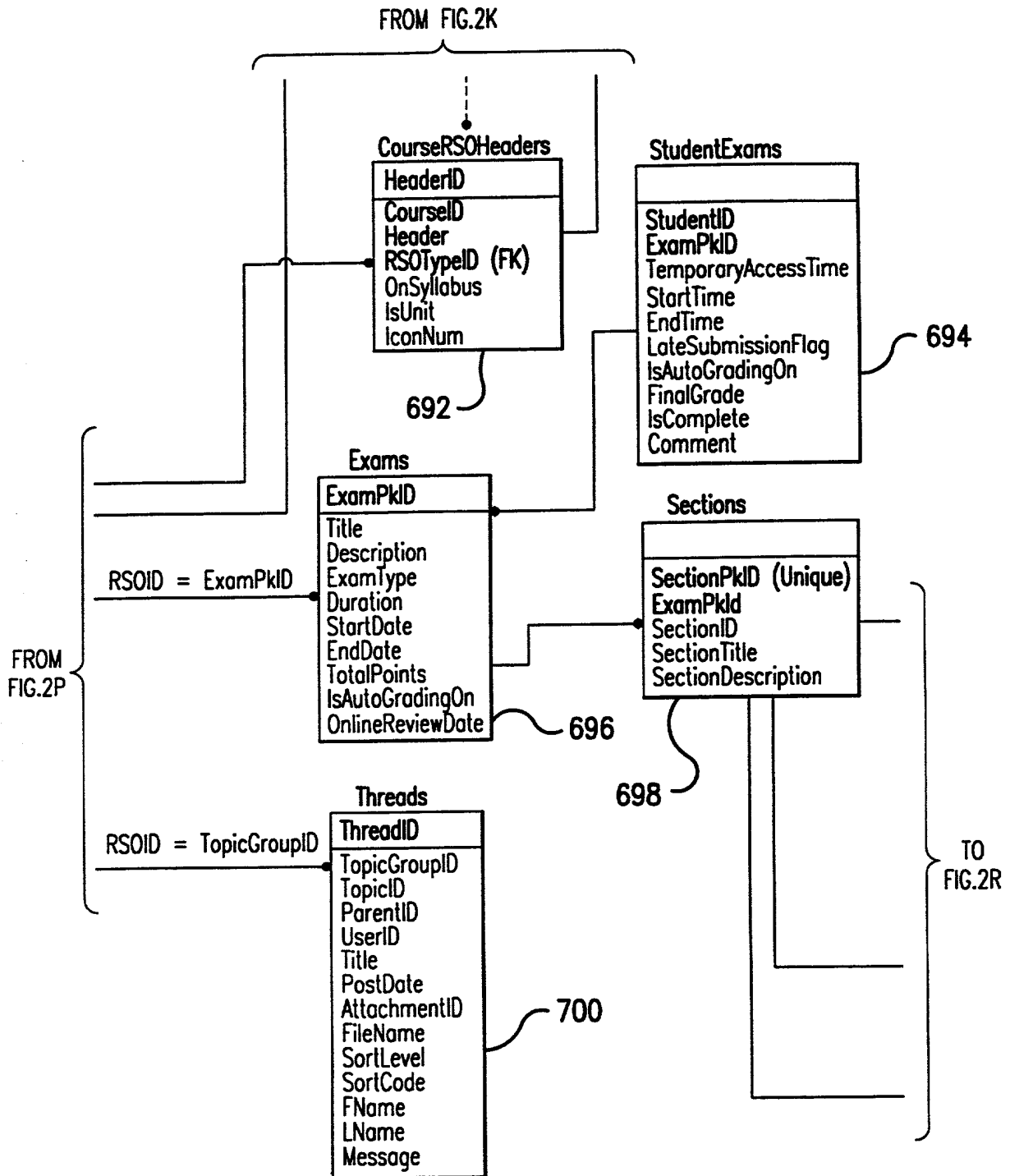
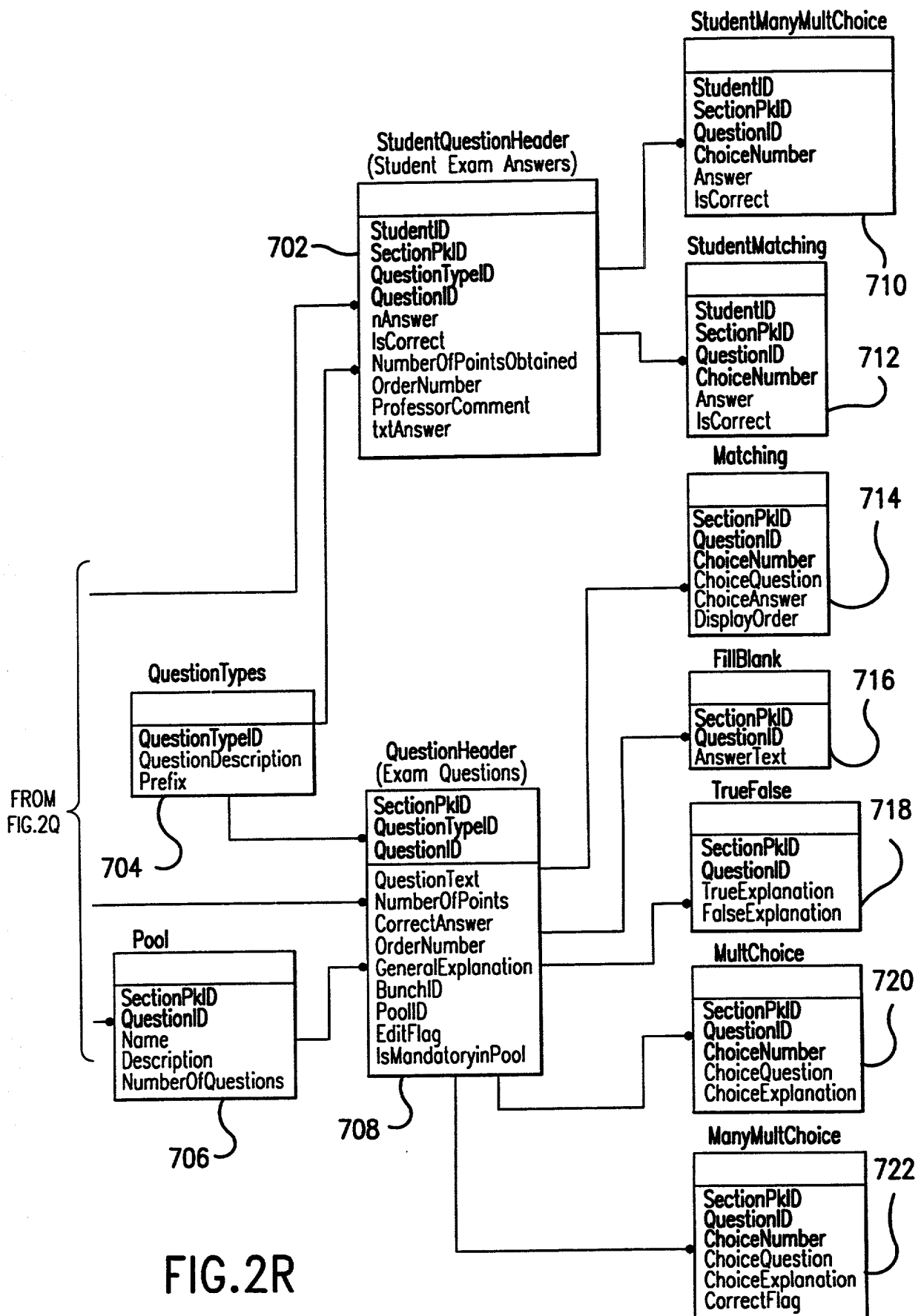


FIG.2Q



818 — Course Home Page

820 — Document

822 — Collaboration

824 — EmailClass

826 — GradeBook

828 — HelpDesk

830 — Policies & Procedures

832 — MessengerCenter

834 — OnlineChatroom

836 — StudentJournal

838 — StudentNotebook

840 — Weblography

842 — ProfGradebook

Course Home Page - How to Design and Teach an Online Course - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address http://gregu.realed.com/re/A_CourseHomePage.real?CourseID=4107&CModelD=3409&47=28779

816

ID1000 | How to Design and Teach an Online Course

Professor: Kevin Himmel — 802

8/8/99 7:27:43 PM Mountain Time

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [ID1000](#) — 804

800

Course Home Page

806

Introductory Video (Video)

808

Introductory Audio (Audio)

810

Unit

812

Title

814

Key

816

Assignment

818

Exam

820

Lecture

822

Practice Quiz

824

Reading

826

Threaded Discussion

Unit One

Unit Two

Practical Course Manager

Threaded Discussion — 841

FIG. 3A

Document Sharing/Collaboration

816

Course Home Page
Document Collaboration
FinalKlas
GradeBook
HelpDesk
Policies & Procedures
Message Center
Online Chatroom
Student Journal
Student Notebook
Weblography SM
Web Gradebook

Document Collaboration

848

Download file

PC users - Hold your mouse over the document name, click your right mouse button and scroll to 'Save Target As...' (E) or 'Save Link As...' (Netscape) on the menu that appears.

Mac users - Click and hold on the document name until a menu window appears. Choose the option that allows you to save the document on your computer.

Kevin Himmel HBSP

File Name	Description	Owner	Date	Size	Icon
Chapter 1.htm	Please read this during Week 4	Sarah Allen	8/9/99	15,651 bytes	

SHARE SELECTED FILE(S) (ADMIN ONLY)

DELETE SELECTED FILE(S) (ADMIN ONLY)

850

Upload File To

File Name

862 863

Description (required) - 864

Owner

Date

Sarah Allen	8/9/99
-------------	--------

Upload File

870

ADMIN ONLY
LINKS

Course Manager
Profile Help

FIG. 3C

email class

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Course Home Page - Cell Biology - Microsoft Internet Explorer

Address: http://cuonline.edu/re/A_EmailCourse.real?Action=EMAIL_C&List=0&CourseID=34475&CModelID=8148&47=37959#email

Cell Biology

☐ Professor M. Goalstone (Marc.Goalstone@UCHSC.edu)

☐ All Enrolled Users - 874

► show email list **

872

From: Jana Warner - 876

Date: 8/17/99

Subject: 878

Message:

880

Attachment:

884 } 882

816

817 25

Gradebook

Address: <http://gregu.realed.com/te/Gradebook.real?CourseID=41163&Action=ADMINGRADEBOOK&47=28779>

Online Gradebook BIOL 3611 - Cell Biology

Setup Gradebook

View/Grade Student Work

View Class Roster

Exit

Course Home 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

816

Numeric Grades Enter Grades

Feedback Gradebook

Student 888

1

890

886

Student	Journal Entry	Population Coll.	Reading	Test 1	Exam
qastudent qastudent	98	78	0	88	0
student student	87	0	0	70	99
student12 student12	0	0	0	90	69
teststud1 teststud1	82	89	0	0	0

Setup Gradebook

Course Learning Tools

Custom Gradebook Entry

Assignment

Add to Gradeable Items

Add to Gradeable Items

Update

To add the class to the learning tools, click the update button. To remove items, click the remove button. To add items, click the add button.

Gradebook Items

Course Home

Final Grade

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

FIG. 3E

Gradebook - student view

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Gradebook - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print

Address http://cuonline.edu/te/GradeBook.real?CourseID=34475&CNodeID=8148&Action=GRADEBOOK&47-37959

Online GradeBook

BIOL 3611-OL1 - Cell Biology

Exit

816

Student

896

Warner, Jara

25

898

NGE=Not Graded

Numeric Grades

Letter Grades

894

View Work

Put mouse over bar, click down & HOLD. Now drag mouse & bar for better viewing.

Select an Item to View:

Assessment Tools

Assessment Sharing

Journal

Threeds

User Activity

Weblog-phy

900

FIG. 3F

Message Center

3/22/2000 4:54 PM

Course Home Page - Kevin Himmel HBSP - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print

Address http://gregu.ualed.com/te/A_MsgCtr.html?CourseID=34701&CNodeID=3406&Action=MESSCENT&47-28779

Case | Kevin Himmel HBSP
Professor: None
8/8/99 7:33:10 PM Mountain Time

eCollege.com

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Case](#)

816

Message Center 906
Post a message (admin only) 904
Sarah Allen | 8/8/99 7:33:13 PM
Test on Monday
There will be a test on Monday instead of Friday. Please complete by 9:00 pm. Thank you.
Delete this message (Admin Only)
Post a message (admin only) 905

Course Home Page
Document
Collaboration
Email Glass
Grade Book
Help Desk
Policies & Procedures
Message Center
Online Chatroom
Student Journal
Student Notebook
Webinar/Training

FIG. 36

Online chatroom

207020" 45.7300"

Course Home Page - Cell Biology - Microsoft Internet Explorer

Go View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print Edit

Address http://cuonline.edu/re/A_Chat.real?CourseID=34475&Room=BIOL3611_344750

BIOL 3611- OL1 | Cell Biology

Professor: Marc Goalstone

8/17/99 4:09:07 PM Mountain Time

HOME PAGES: [University of Colorado Online](#) / [Jana Warner](#) / [BIOL 3611- OL1](#)

816

Chat | [View Chat Logs](#) | [Help](#)

User: Jana Warner Room: BIOL3611_344750 Room Users: 1

Course Home

Course Information

Message Center

Email Class

Online Chatroom

Document Sharing

Weblography

Student Notebook

Student Journal

Gradebook

Help Desk

912

Jana Warner

910

908

914

906

916

Use Options

FIG. 3H

2000" 46275001

Student Journal

Case | Kevin Himmel HBSP
Professor: None
8/9/99 7:40:23 PM Mountain Time

eCollege^{AM}

HOMEPAGES: [Greg University](#) / [Sarah Allen](#) / [Case](#)

816

- [Course Home Page](#)
- [Document](#)
- [Collaboration](#)
- [Email Class](#)
- [GradeBook](#)
- [HelpDesk](#)
- [Policies & Procedures](#)
- [Message Center](#)
- [Online Chatroom](#)
- [Student Journal](#)
- [Student Notebook](#)
- [Webography](#)
- [Prof Gradebook](#)

Student Journal

916

--> [Start New Journal Entry](#) - 918

ENTRIES ▶ [EXPAND ALL](#) | [COLLAPSE ALL](#) - 920

922

▶ My favorite Chapter

Last modified by student: 8/9/99 7:41:18 PM
Last modified by instructor: 8/9/99 7:41:18 PM

- 924

I thought Chapter 5 was really interesting. - 926

Prof comments: I'm glad you enjoyed it. - 928

--> [Edit This Journal Entry](#) - 930

▶ [What I think](#)

Last modified by student: 8/9/99 7:39:43 PM
Last modified by instructor: Not modified

ADMIN ONLY
LINKS

[Course Manager](#)
[Profile Help](#)

FIG. 3I

Student Notebook

www.tsf.com

816

Course Home

Course Information

Message Center

Email Class

Online Chatroom

Document Sharing

Weblog/Physi

Student Notebook

Student Journal

Grade Book

Help Desk

936

Notebook

Please be sure to click on the "Save Notes" button to avoid losing your notes.

934

SAVE NOTES

932

SAVE NOTES

BIOL 3611-OL1 | Cell Biology

Professor: Marc Goalstone

8/17/09 3:44:28 PM Mountain Time

HOME PAGES: [University of Colorado Online](#) / [Jana Warner](#) / [BIOL 3611-OL1](#)

http://cuonline.edu/re/A_Notebook.real?CourseID=34475&CNodeID=8148&Action=NOTEBOOK&47=37959

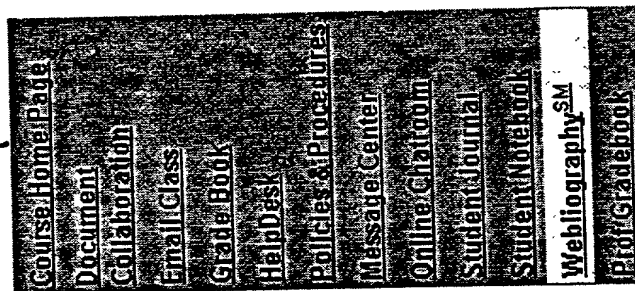
Webiography

BIOL 3611 | Cell Biology
Professor: prof prof
8/2/00 7:52:28 PM Mountain Time

eCollegesm

HOME PAGES: Greg University / Sarah Allen / BIOL 3611

816



Webiography

- add new entry - 940
- view all entries - 942
- search - 944

Results

2 item(s) are in the webiography.

- Great Resource - 946

Description: This is a great source to find content in cell biology - 948

DELETE (ADMIN ONLY)

- My favorite - 950

Description: This is where you can talk to other cell biology researchers - 952

DELETE (ADMIN ONLY)

ADMIN ONLY
LINKS

Course Manager
Print Help

Threaded Discussion

2003-04-04

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Home 1 2 3 4 5 6 7 8 9

Course Home Page
Document
Collaboration
Email Class
Grade Book
Help Desk
Policies & Procedures
Message Center
Online Chatroom
Student Journal
Student Notebook
Weblography
Prof Gradebook

ADMIN ONLY
LINKS
Course Manager
Prof Help

HOMEPAGES: [Greg University](#) / [Sarah Allen](#) / [Orientation Course](#) / [Unit 5: How Do I Communicate with my P...](#)

Thread Topics
Why are you taking an online course? - 956
Have ever taken a course online before? - 958
ADD A TOPIC (ADMIN ONLY)
Have ever taken a course online before?
Keith Millner | 7.21.99 4:13:08 pm
More and more people are taking courses online. If you are one of the pioneering types who has been down this road before, perhaps you have experiences or advice to offer those who are now joining you in this new academic environment.
RESPOND TO THIS TOPIC | EDIT TOPIC (ADMIN ONLY) | DELETE TOPIC (ADMIN ONLY)
Responses 968 - 970
display by: TOPIC | DATES | AUTHOR - 972
show expanded view
This is great - I am... Susan Karson | 8.9.99 7:54:49 pm
This is great - I am really excited about taking my course online
RESPOND TO THIS POST | DELETE THIS POST (ADMIN ONLY)
Thread Topics
Why are you taking an online course? - 956
Have ever taken a course online before? - 958
ADD A TOPIC (ADMIN ONLY)
Have ever taken a course online before?
Keith Millner | 7.21.99 4:13:08 pm
More and more people are taking courses online. If you are one of the pioneering types who has been down this road before, perhaps you have experiences or advice to offer those who are now joining you in this new academic environment.
RESPOND TO THIS TOPIC | EDIT TOPIC (ADMIN ONLY) | DELETE TOPIC (ADMIN ONLY)
Responses 968 - 970
display by: TOPIC | DATES | AUTHOR - 972
show expanded view
This is great - I am... Susan Karson | 8.9.99 7:54:49 pm
This is great - I am really excited about taking my course online
RESPOND TO THIS POST | DELETE THIS POST (ADMIN ONLY)

FIG. 3L

Student Exam

2023-04-27 14:00

Time Remaining: 0 hours 29 minutes 49 seconds ← 982

1. With online courses you do not have daily contact with your professor. Does this mean all online courses are self-paced? (1 point)

(s)) ~ 984

☐ Yes

☐ No

980

2. Match the following terms with the correct definition. (3 point(s))

<input type="checkbox"/> E-mail	1) This synchronous form of communication can take place with the entire class, a small group, or a private meeting between my professor and me. In this type of communication, everyone involved must be logged in at the same time.
<input type="checkbox"/> Syllabus	2) This is what I would use to contact a fellow student(s) and/or the professor, without the message becoming a permanent part of the course.
<input type="checkbox"/> Online Classroom	3) My instructor may use one of these to communicate due dates for the course, and other course information.

986

Exam Navigation:

Click on the buttons below to switch between exam sections. Clicking on the buttons will also store your answers.

Exam Home Section 1 Section 2 Section 3 ← 988

Store your answers frequently during exam. Submit for grading when you are finished working on the exam.

Store Answers Submit Exam For Grading

990 992

FIG. 3M

Administrative Pages

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Administrative Reports - Microsoft Internet Explorer

http://gregu.realed.com/ie/admin/admincenter.real?47=28779

Administrative Pages
8/18/99 9:13:23 AM Mountain Time

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#)

User Maintenance - 996

- [User Enrollment - 998](#)
Assign users to courses.
- [User Status - 1000](#)
Change a user's status and course association.
- [Create User - 1002](#)
Create a new user.
- [Enroll User in Another Enrollable Area - 1004](#)

Administrative Message Center - 1006

- [Send a message - 1008](#)
Send a message to a group of users via email or posting on the Personal Student Home Page; place a course block on users.
- [Remove a Course Block - 1010](#)
Remove an existing course block.

Reports - 1012

- [User reports - 1014](#)
Search for users and view or edit data related to: Enrollment, Registration, Usage Logs, and Administrative Information.
- [Course reports - 1015](#)
Review enrollment totals by course. View a list of the currently enrolled users. Adjust current enrolled student statuses.
- [University reports - 1016](#)
Reports on the number of courses by enrollable area View user enrollment by enrollable area. View enrollments by semester.

eCollege

994

FIG. 3N

2002046479007
Administrative Pages - User Enrollment

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

User Select - Microsoft Internet Explorer

Address: <http://gregu.realed.com/re/admin/UserSelect.real?Type=enroll&47=28773>

<input type="radio"/>	molaison, al	alm@realeducation.com	GU Student	Sales
<input type="radio"/>	Molaison, Al	alm@realeducation.com	GU Student	Sales
<input type="radio"/>	Oda, Alan	ayoda@apu.edu	GU Professor	Temporary
<input checked="" type="radio"/>	Talburt, Anthony	anthonyt@ecollege.com	GU Professor	Real Ed Internal Training
<input type="radio"/>	Talburt, Anthony	anthonyt@ecollege.com	GU Professor	Sales
<input type="radio"/>	res, andy	andy@realeducation.com	GU Student	Sales
<input type="radio"/>	tomorrow's another day	chiss@realeducation.com	GU Student	Sales

Enroll this User in Courses

FIG. 30

Administrative Pages - User Status

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

User Status Set - Microsoft Internet Explorer

Address: <http://gregu.realed.com/te/admin/UserStat.real>

Enrollment Information for andy test

Sales Status

School	Current Status	Set New Status*	New Comment
Sales	GU Student		Enrolled In GregU - Assigned Role by Real System Admin

Course Enrollment

School	Semester	Course	Current Status	Set New Status*	New Comment
Sales	Demonstration	Orientation	GU Student		Added to Course via ADD/DRO
Greg University	Special Courses	Orientation Course	GU Student		Auto Enroll in Orientation Course (from RS Admin Pages)

Update

1022

1024

1026

1028

Done

F16.3P

Administrative Pages - Enroll User in another Enrollable Area

Enroll a Student in a New Enrollable Area - Microsoft Internet Explorer

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [User Search](#) / [User Select](#) / [Enroll a User in Another Level](#)

Enroll a User in Another Enrollable Area

Sarah Allen is currently enrolled in the following area(s):

- Sales

Step 3: Select the new enrollable area(s)

Test
EdUSA
ID 1000
Quality Assurance

1034

Step 4: Select the user's role in the new area(s)

1036

Step 5 (Optional): Move Sarah Allen into the selected node(s) only - 1038

☐ Remove Sarah Allen from the currently enrolled area(s). - 1040

FIG. 3Q

Administrative Pages - Send a Message

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Administrative Message Center - Send Message - Microsoft Internet Explorer

Address: <http://gregu.realed.com/te/admin/SendMessage.real?Type=0&47=28773>

Step 4: Review user selection list, compose and send message

	Name	Email Address
<input checked="" type="checkbox"/>	Baker, Beth	bethb@ecollege.com
<input checked="" type="checkbox"/>	blink, blink	chriiss@realed.com
<input checked="" type="checkbox"/>	bob, bob	rebeccaw@realeducation.com
<input checked="" type="checkbox"/>	bob16, bob16	bob16@realeducation.com
<input checked="" type="checkbox"/>	Burn, Becky	beckyb@ecollege.com
<input checked="" type="checkbox"/>	Carter, Benjy	carter@realed.com
<input checked="" type="checkbox"/>	Dobrin, Benjy	benjy@realed.com
<input checked="" type="checkbox"/>	Dobrin, Benjy	benjyd@realeducation.com
<input checked="" type="checkbox"/>	Feldman, Betsy	betsyf@heinemann.com

From Email Address (required for email messages):

Message Header:

Message Text:

☒ send this message as email
☒ send this message as web page post
☐ block these users from their courses

1052, 1042, 1050

FIG. 3R

Administrative Pages - User Reports

User Reports - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://gregu.realed.com/re/admin/UserReports.real?RepType=1&47=28779

Administrative Pages

8/18/99 9:44:13 AM Mountain Time

eCollege 1054

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [User Search](#) / [User Select](#) / [User Reports](#)

User Reports: [Brett Krichiver](#)

[Enrollment Information](#) | [Registration History](#) | [Payment Information](#) | [Log](#) | [Full Detailed Report](#) | [Administrative Login](#)

School	Semester	Course	Status Date	Status	Comment
Greg University			07/21/99	GU Drop	SYSTEM Auto Enroll Basic Orientation
Greg University			02/03/99	GU Student	SYSTEM Auto Enroll Basic Orientation
Greg University	Special Courses	Orientation Course	07/21/99	GU Student	Auto Enroll in Orientation Course (from RS Admin Pages)
Sales*	N/A	N/A	02/03/99	GU Professor	Enrolled in Greg U's Assigned Role by Real System Admin
Sales	Demonstration	GD101	02/25/99	GU Student	
Sales	Demonstration	Sales	02/03/99	GU Professor	

* Denotes enrollable area status

1056

FIG. 35

Administrative Pages - Course Reports

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Course Reports - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Reload Home Search Favorites History Mail Print Discuss
Address: http://gregu.realed.com/te/admin/CourseReports real

Course Reports

The course enrollment information and the current status of users in the course is listed below. To change a user's status in the course, select it from the 'Set New Status' option and click the 'Update' button at the bottom of the screen.

Quality Assurance Semester - Accredited Buyer Representative

Max Enrollment	25	Max Waitlist	25	Current Pending	0
Current Enrollment	2	Current Waitlist	0		

1058

1062

1060

Name	Email Address	Current Status	Set New Status*	Set Status Comment
Skudlarczyk, Angell, Chris	chris@ecollege.com	GU Student	<input type="checkbox"/>	<input type="text"/>
test test	test	GU Student	<input type="checkbox"/>	<input type="text"/>

Done

FIG. 3T

Administrative Pages - University Reports

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

University Reports - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Print Mail ID/Settings

Address http://gregu.realed.com/re/admin/UnivReports.real?ACT=COURSE

Administrative Pages

8/18/99 9:47:34 AM Mountain Time

eCollege.com

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [University Reports](#)

University Reports

[Course Count per Area](#) | [User Count per Enrollable Area](#) | [Enrollment per Semester](#)

Course Count per Area

1066

1064

Area	Courses
Greg University	5
RealEd	1
EduSA	8
ID 1000	0
Quality Assurance	10
Real Ed Internal Training	89
Sales	126

Done

FIG. 34

eCS 3.0 - Course Manager

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Atty.Dkt.No. 11610.02
Customer No. 20686

Address: <http://gregu.realed.com/te/CourseManager/CM.real?CourseID=41163&CNodeID=3406&47=28779>

CM AX / MP

Exit Course Manager

File Upload/Download

BIOL 3611

Unit1

Unit2

Unit Audio

Reading

Assignment

Unit3

Unit4

Unit Audio

Reading

Exam Key

Unit5

Unit6

Unit Audio

Reading

Upcoming Events

Unit7

Unit8

Unit9

Unit10

Unit11

Unit Audio

Reading

Upcoming Events

Study Guide

Unit12

Unit13

Unit14

1069

1068

eCollege.com

8/10/98 10:17:51 AM Mountain Time

HOME PAGES: Greg University / Sarah Allen / BIOL 3611

Course Home Page

Click here for Introductory Video (Video)

1072, 1074, 1076

Unit Title

1	January 19-24
2	January 25-31
3	February 1-7
4	February 8-14
5	February 15-21
6	February 22-28
7	March 1-7
8	March 8-14

1070

Course Home Page

Document Collaboration

Email/Glass

GradeBook

HelpDesk

Policies & Procedures

Message Center

Online Chatroom

Student Journal

Student Notebook

Weblography SM

Prof Gradebook

ADMIN ONLY LINKS

Course Manager

516-201

1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298</
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Address <http://gregu.realed.com/te/CourseManager/CM.real?CourseID=41163&CNModelD=3406&47=28779>

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [BIOL 3611](#) / [Unit 2: January 25 - 31](#)

108Q

Home 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1082 → 1078

Unit 2 : January 25 - 31

Unit Audio

Unit Two

Reading

This week you will be introduced to simple laws of thermodynamics (CH 5). By the end of Chapter 5, you should be able to calculate the Gibbs free energy change and determine the spontaneity of a reaction.

Chapter 5 - pp 119 - 133

Lecture Notes - chapter 5

Assignment

Calculate: the ΔG° and determine the spontaneity for the following reaction:

ADMIN ONLY LINKS

Course Manager

ProfHelp

Course Home Page

Document Collaboration

Email Class

Grader Book

Help Desk

Policies & Procedures

Message Center

Online Chatroom

Student Journal

Student Notebook

Weblog/My Web

Prof Gradebook

CM AX / MP

Exit Course Manager

File Upload/Download

BIOL 3611

Unit1

Unit2

Unit Audio

Reading

Assignment

Unit3

Unit4

Unit Audio

Reading

Exam Key

Unit5

Unit6

Unit Audio

Reading

Upcoming Events

Unit7

Unit8

Unit9

Unit10

Unit11

Unit Audio

Reading

Upcoming Events

Study Guide

Unit12

Unit13

Unit14

File 3W

DATE	DESCRIPTION	AMOUNT	BALANCE
1891	Jan 1		100.00
	Feb 1	10.00	110.00
	Mar 1	20.00	130.00
	Apr 1	30.00	160.00
	May 1	40.00	200.00
	Jun 1	50.00	250.00
	Jul 1	60.00	310.00
	Aug 1	70.00	380.00
	Sep 1	80.00	460.00
	Oct 1	90.00	550.00
	Nov 1	100.00	650.00
	Dec 1	110.00	760.00
1892	Jan 1	120.00	880.00
	Feb 1	130.00	1010.00
	Mar 1	140.00	1150.00
	Apr 1	150.00	1300.00
	May 1	160.00	1460.00
	Jun 1	170.00	1630.00
	Jul 1	180.00	1810.00
	Aug 1	190.00	2000.00
	Sep 1	200.00	2200.00
	Oct 1	210.00	2410.00
	Nov 1	220.00	2630.00
	Dec 1	230.00	2860.00
1893	Jan 1	240.00	3100.00
	Feb 1	250.00	3350.00
	Mar 1	260.00	3610.00
	Apr 1	270.00	3880.00
	May 1	280.00	4160.00
	Jun 1	290.00	4450.00
	Jul 1	300.00	4750.00
	Aug 1	310.00	5060.00
	Sep 1	320.00	5380.00
	Oct 1	330.00	5710.00
	Nov 1	340.00	6050.00
	Dec 1	350.00	6400.00
1894	Jan 1	360.00	6760.00
	Feb 1	370.00	7130.00
	Mar 1	380.00	7510.00
	Apr 1	390.00	7900.00
	May 1	400.00	8300.00
	Jun 1	410.00	8710.00
	Jul 1	420.00	9130.00
	Aug 1	430.00	9560.00
	Sep 1	440.00	10000.00
	Oct 1	450.00	10450.00
	Nov 1	460.00	10910.00
	Dec 1	470.00	11380.00
1895	Jan 1	480.00	11860.00
	Feb 1	490.00	12350.00
	Mar 1	500.00	12850.00
	Apr 1	510.00	13360.00
	May 1	520.00	13880.00
	Jun 1	530.00	14410.00
	Jul 1	540.00	14950.00
	Aug 1	550.00	15500.00
	Sep 1	560.00	16060.00
	Oct 1	570.00	16630.00
	Nov 1	580.00	17210.00
	Dec 1	590.00	17800.00
1896	Jan 1	600.00	18400.00
	Feb 1	610.00	19010.00
	Mar 1	620.00	19630.00
	Apr 1	630.00	20260.00
	May 1	640.00	20900.00
	Jun 1	650.00	21550.00
	Jul 1	660.00	22210.00
	Aug 1	670.00	22880.00
	Sep 1	680.00	23560.00
	Oct 1	690.00	24250.00
	Nov 1	700.00	24950.00
	Dec 1	710.00	25660.00
1897	Jan 1	720.00	26380.00
	Feb 1	730.00	27110.00
	Mar 1	740.00	27850.00
	Apr 1	750.00	28600.00
	May 1	760.00	29360.00
	Jun 1	770.00	30130.00
	Jul 1	780.00	30910.00
	Aug 1	790.00	31700.00
	Sep 1	800.00	32500.00
	Oct 1	810.00	33310.00
	Nov 1	820.00	34130.00
	Dec 1	830.00	34960.00
1898	Jan 1	840.00	35800.00
	Feb 1	850.00	36650.00
	Mar 1	860.00	375

BIOLOGY

Address: http://gregurealed.com/re/CourseManager/CM.real?CourseID=41163&CNodeID=3406&47=28779

CM AX / NIP Exit Course Manager File Upload/Download

BIOL 3611 | Cell Biology Professor: prof.nrof 1084 eCollege 1068

Unit	Description	Assign Link	Spelling Check
Unit 1	Unit Audio		
Unit 2	Reading Assignment		
Unit 3			
Unit 4			
Unit 5			
Unit 6			
Unit 7			
Unit 8			
Unit 9			
Unit 10			
Unit 11			
Unit 12			
Unit 13			
Unit 14			
Unit 15			
Unit 16			

1088

This week you will be introduced to simple laws of thermodynamics (CH 5). By the end of Chapter 5, you should be able to calculate the Gibbs free energy change and determine the spontaneity of a reaction.

<p>
Chapter 5 - pp 119 - 133

HREF="External.real?File=CJ/Biol3611-8552/unit2/chapter 5/0698-01-chapter5.real" target="_top">Lecture Notes - chapter 5

OK Cancel

1090 **1092**

Weblography SM
Prof's Gradebook

ADMIN ONLY LINKS
Course Manager

1070

/Video (/video)

EX 3X

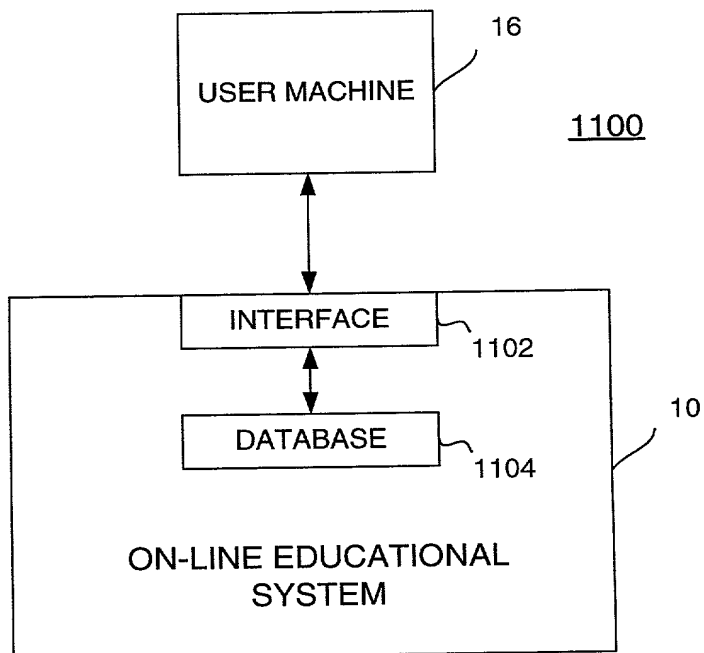


Fig. 4A

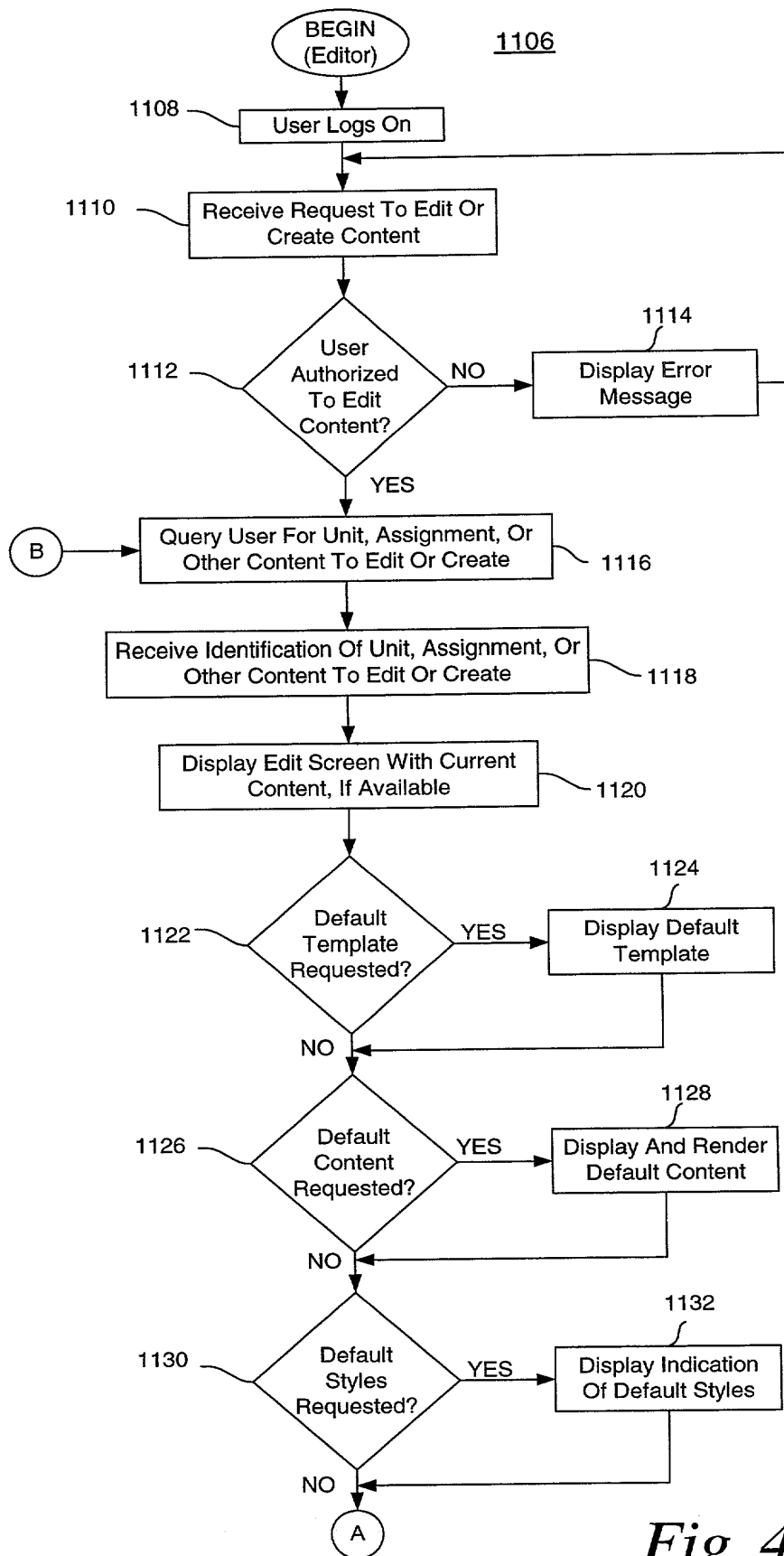


Fig. 4B

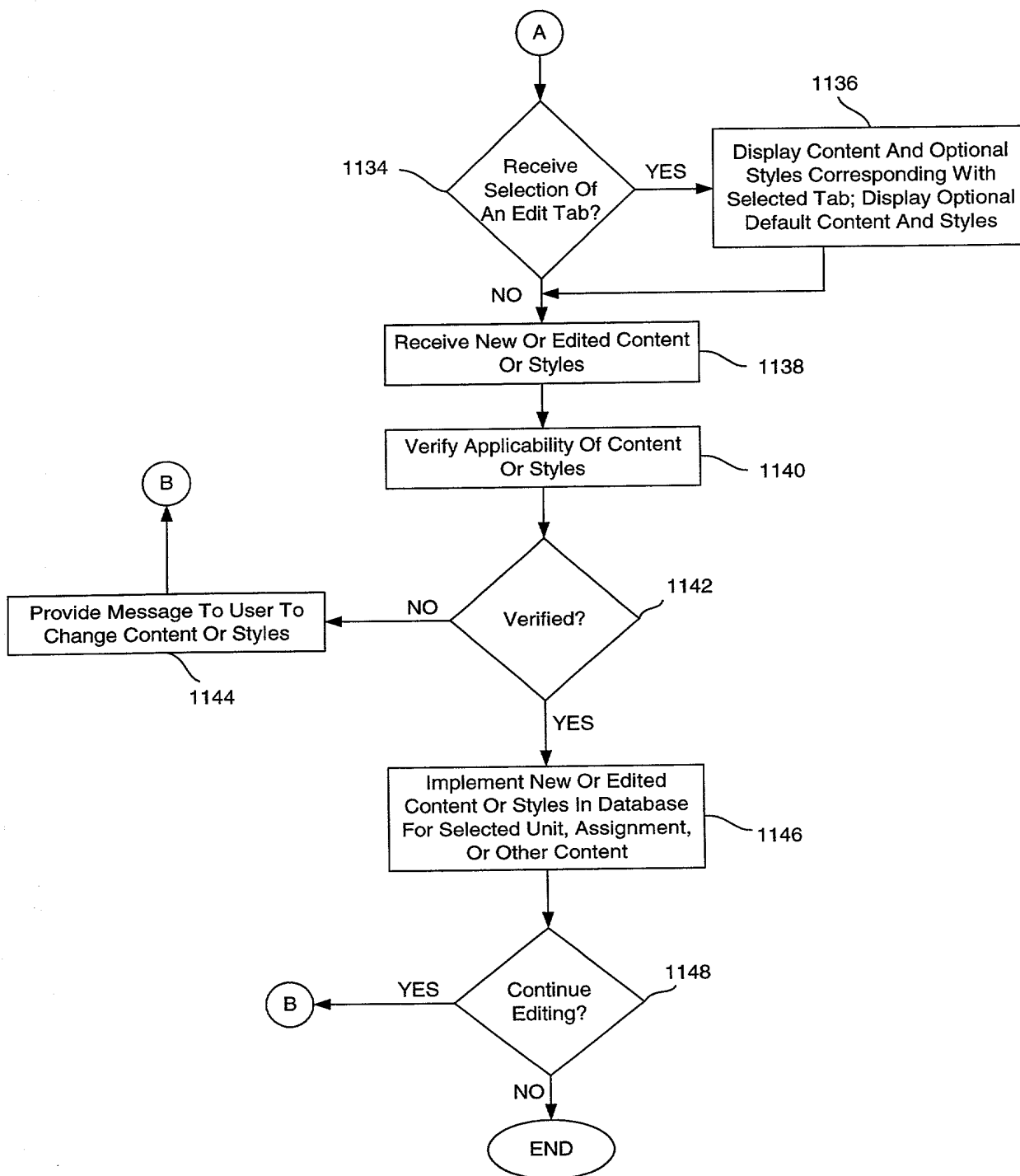


Fig. 4C

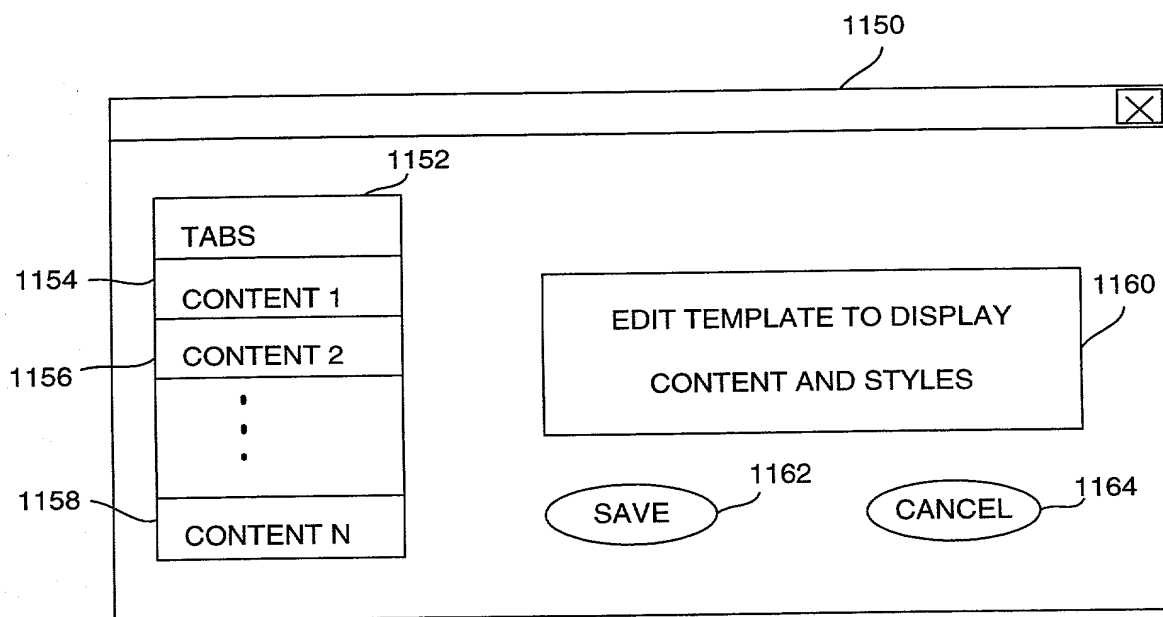


Fig. 4D